

HAGHE'S SKETCHES


BELGIUM

AND

GERMANY

EDISON ARCHITECTURAL CLUB

YEAR BOOK 1914



Digitized by the Internet Archive
in 2013

<http://archive.org/details/yearbookofboston1914bost>



THE BELFRY OF BRUGES
SKETCH BY MR. CARROLL BILL

YEAR BOOK OF THE
BOSTON ARCHITECTURAL CLUB

HAGHE'S SKETCHES
IN
BELGIUM AND GERMANY

PUBLISHED ORIGINALLY 1850



THE ROTCH TRAVELLING SCHOLARSHIP ENVOIS
BY NEILS H. LARSEN
AND CHARLES CAMERON CLARK

BOSTON, 1914

GEO. B. DODGE CO., PRINTERS, BOSTON, MASS.

HAGHE'S.
PORTFOLIO of SKETCHES.

Belgium, Germany.

1850



ETCHED BY J. WHITE. ENGRAVED BY W. GOS.

LONDON.
PUBLISHED BY THOS. MILNAN, HAYMARKET.
1850.

PORCH OF A PRIVATE HOUSE, BRUGES

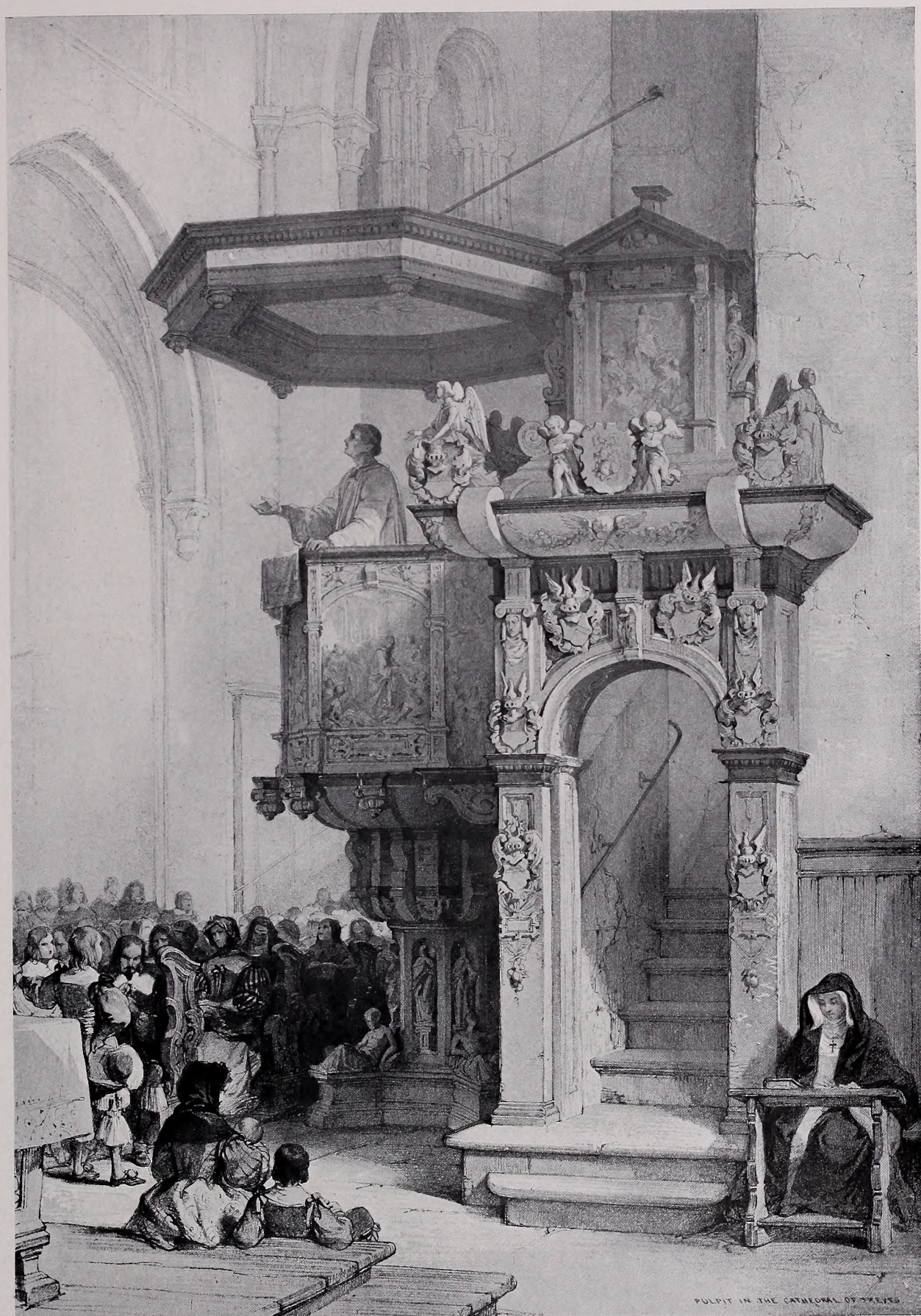


PRIVATE CHAPEL AT ANTWERP



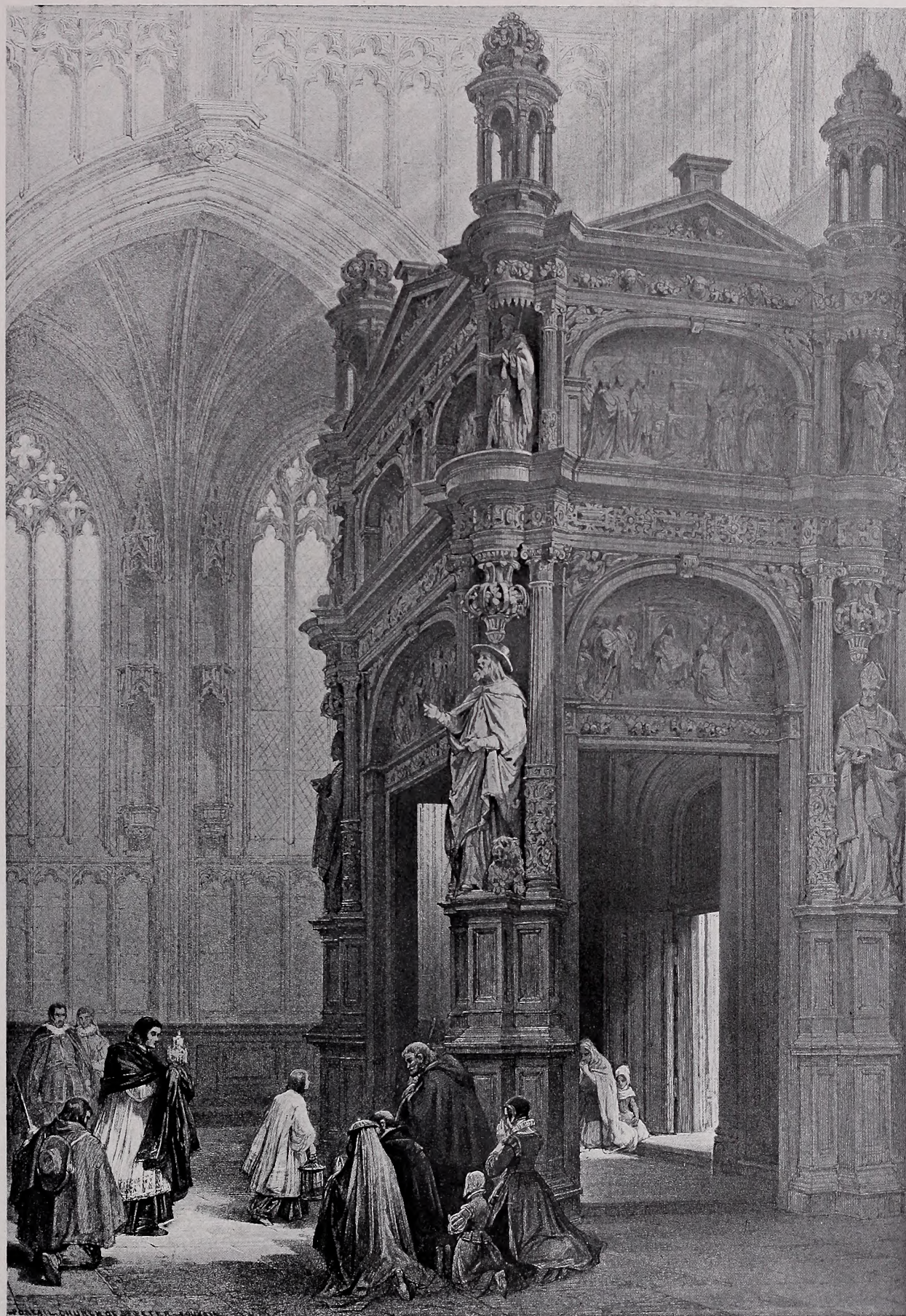
IN THE TOWN HALL AT COURTRAI





PULPIT IN THE CATHEDRAL OF TREVES

PULPIT IN THE CATHEDRAL OF TREVES



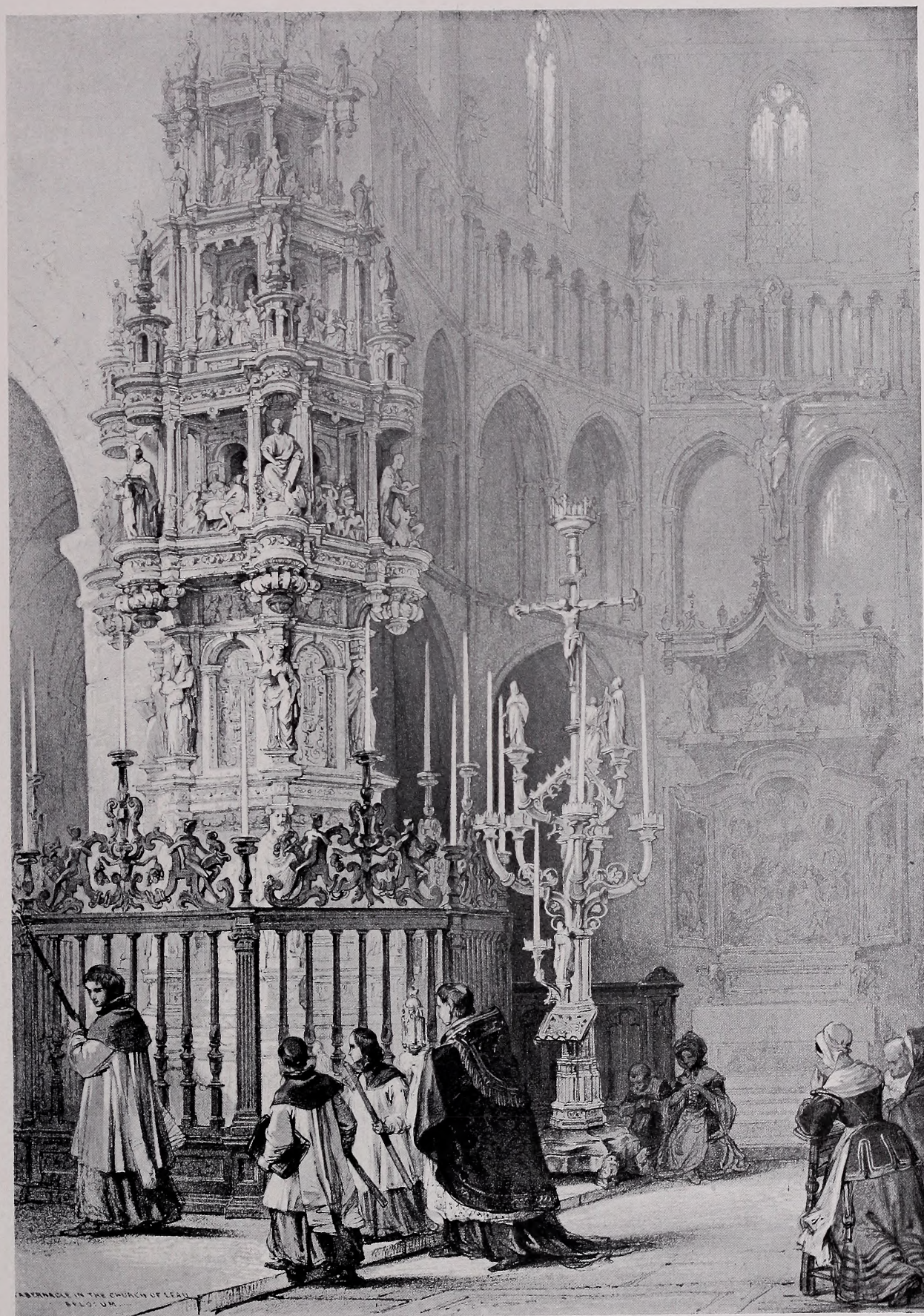
PORTAIL, CHURCH OF ST. PETER, LOUVAIN



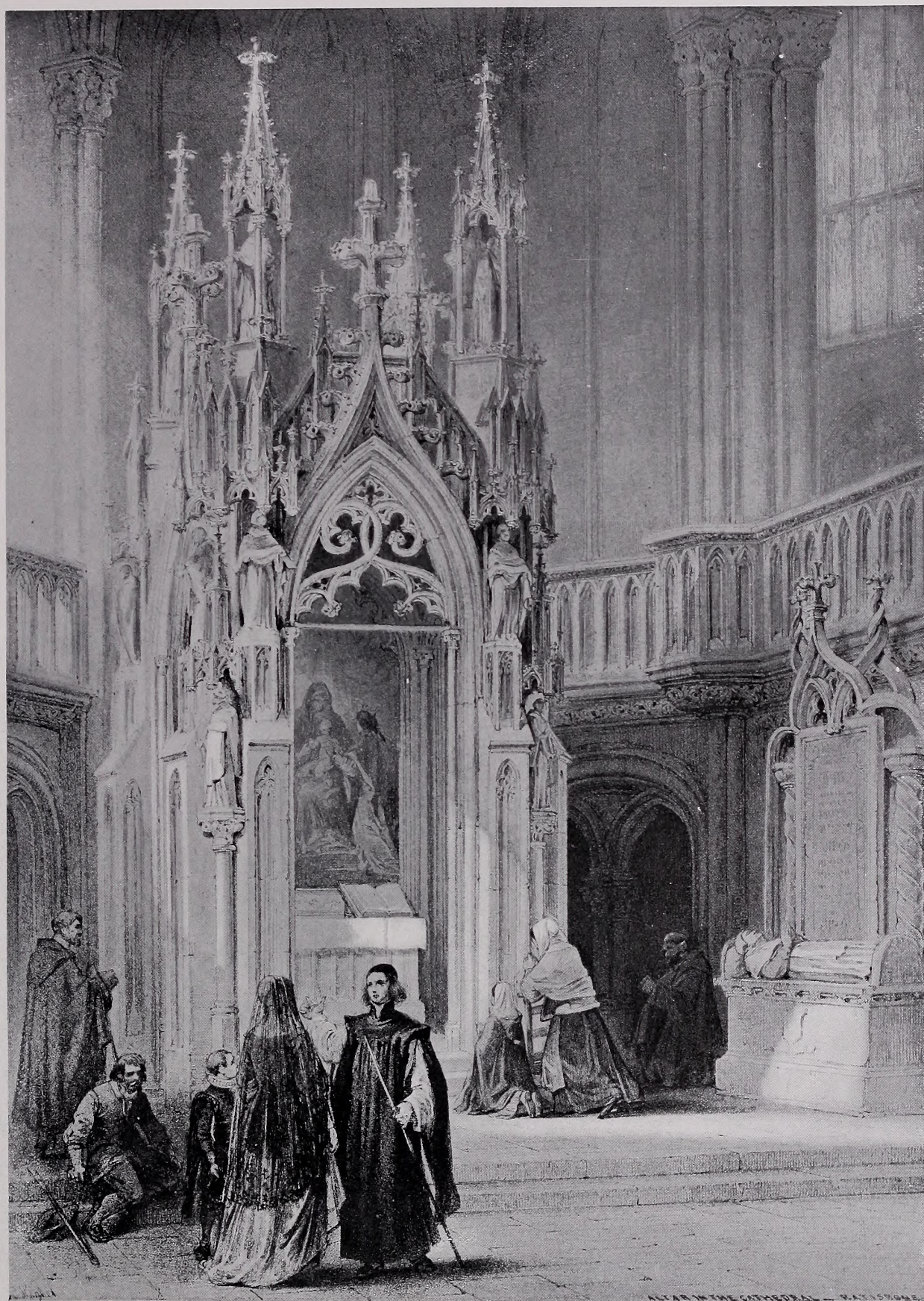
ST. JACQUES, LIEGE



IN THE COUNCIL ROOM OF THE TOWN HALL, OUDENARDE



TABERNACLE IN THE CHURCH OF LEAU, BELGIUM



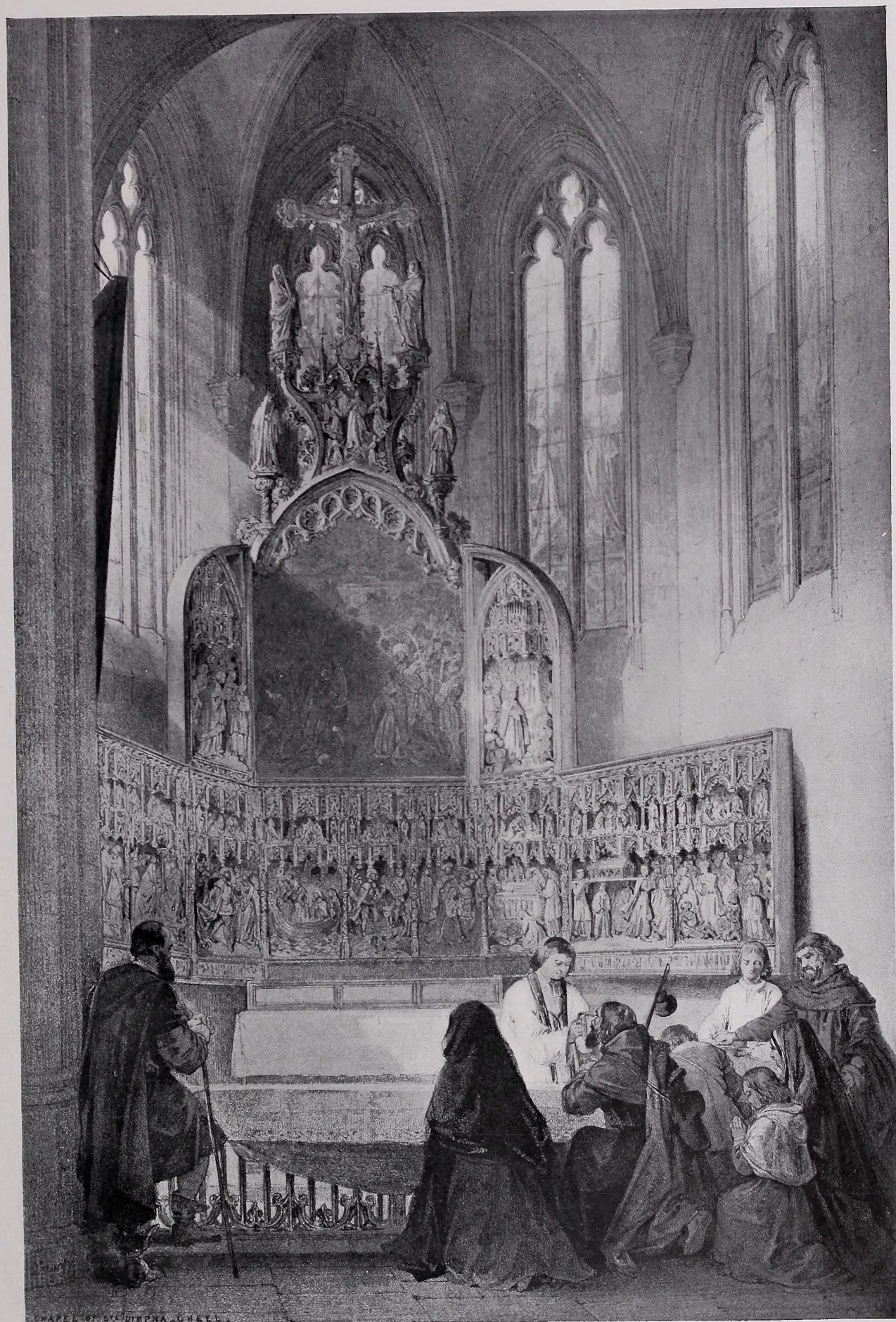
ALTAR IN THE CATHEDRAL, RATISBON



STALLS IN THE CATHEDRAL, ANTWERP



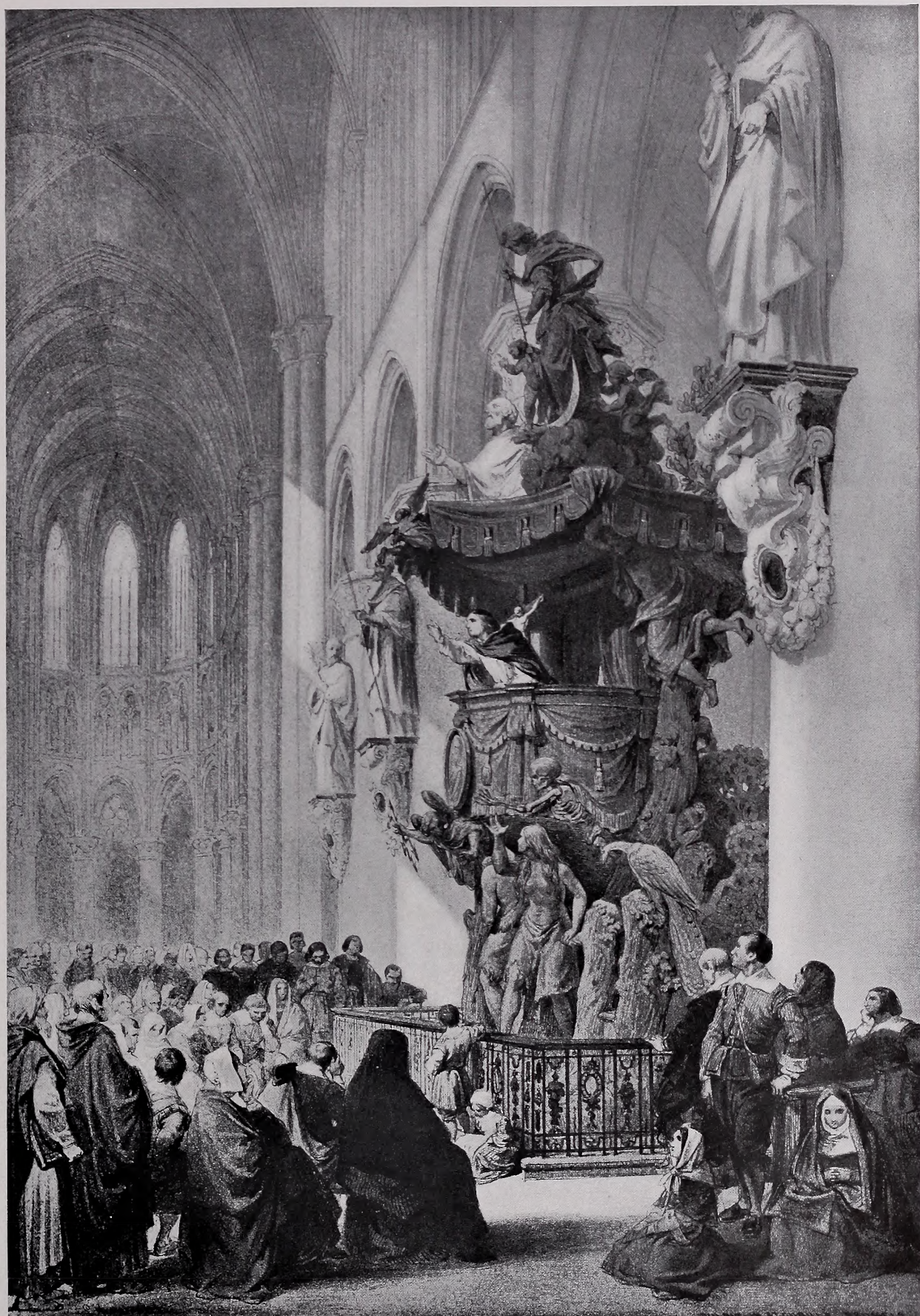
ST. JACQUES, LIEGE



CHAPEL OF ST. EDIMPNA, GHEEL



HERENTHALS



PULPIT IN ST. GUDULE, BRUSSELS



SACRISTY, CHURCH OF NOTRE DAME, TREVES



WELL OF QUINTIN MATZYS. ANTWERP.

WELL OF QUINTIN MATZYS, ANTWERP



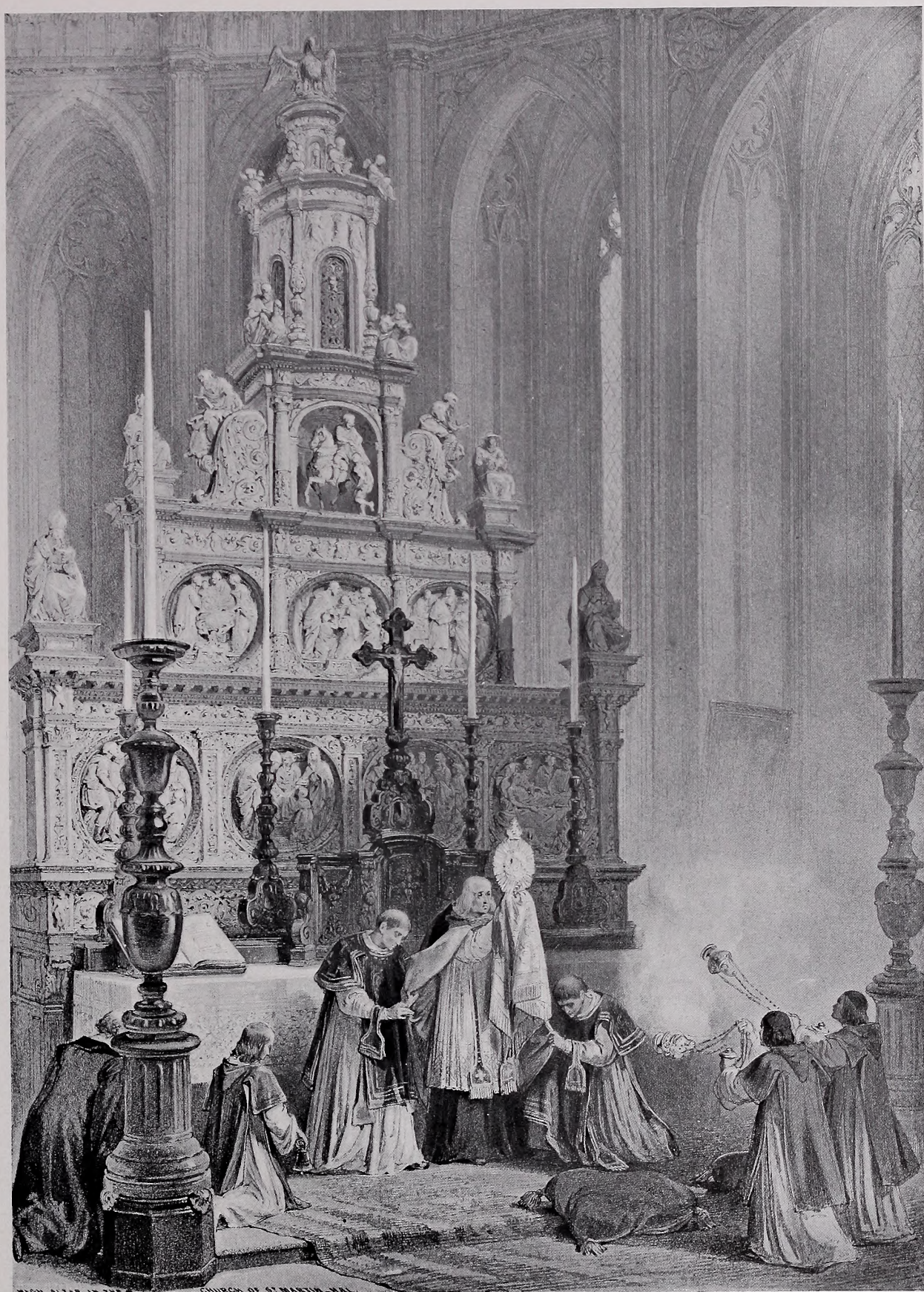
ENTRANCE TO THE PRINCE'S ROOM, SCHENSALZBURG



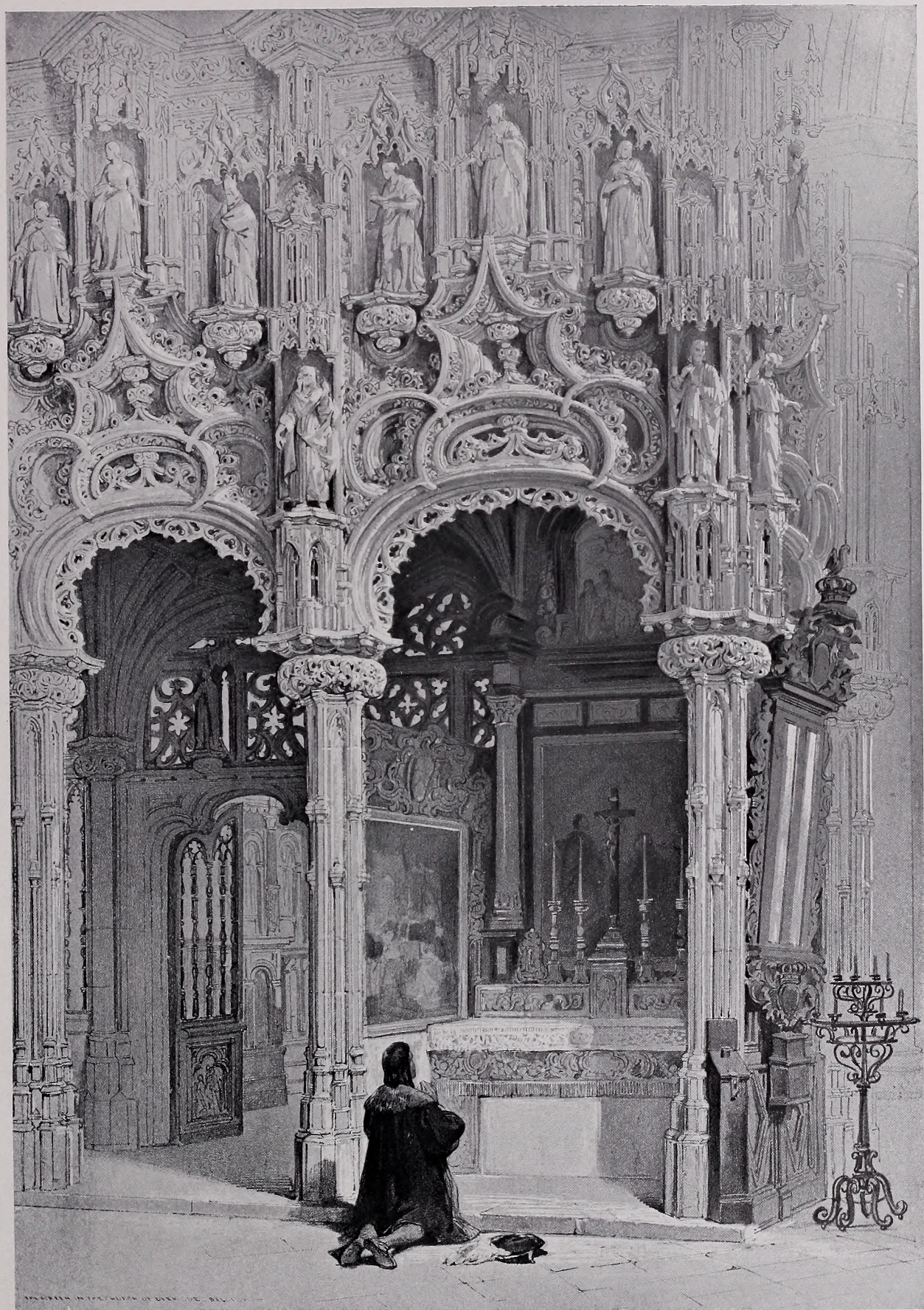
TABERNACLE IN THE CHURCH OF ST. PETER, LOUVAIN



THE HOLY WELL IN THE CATHEDRAL, RATISBON



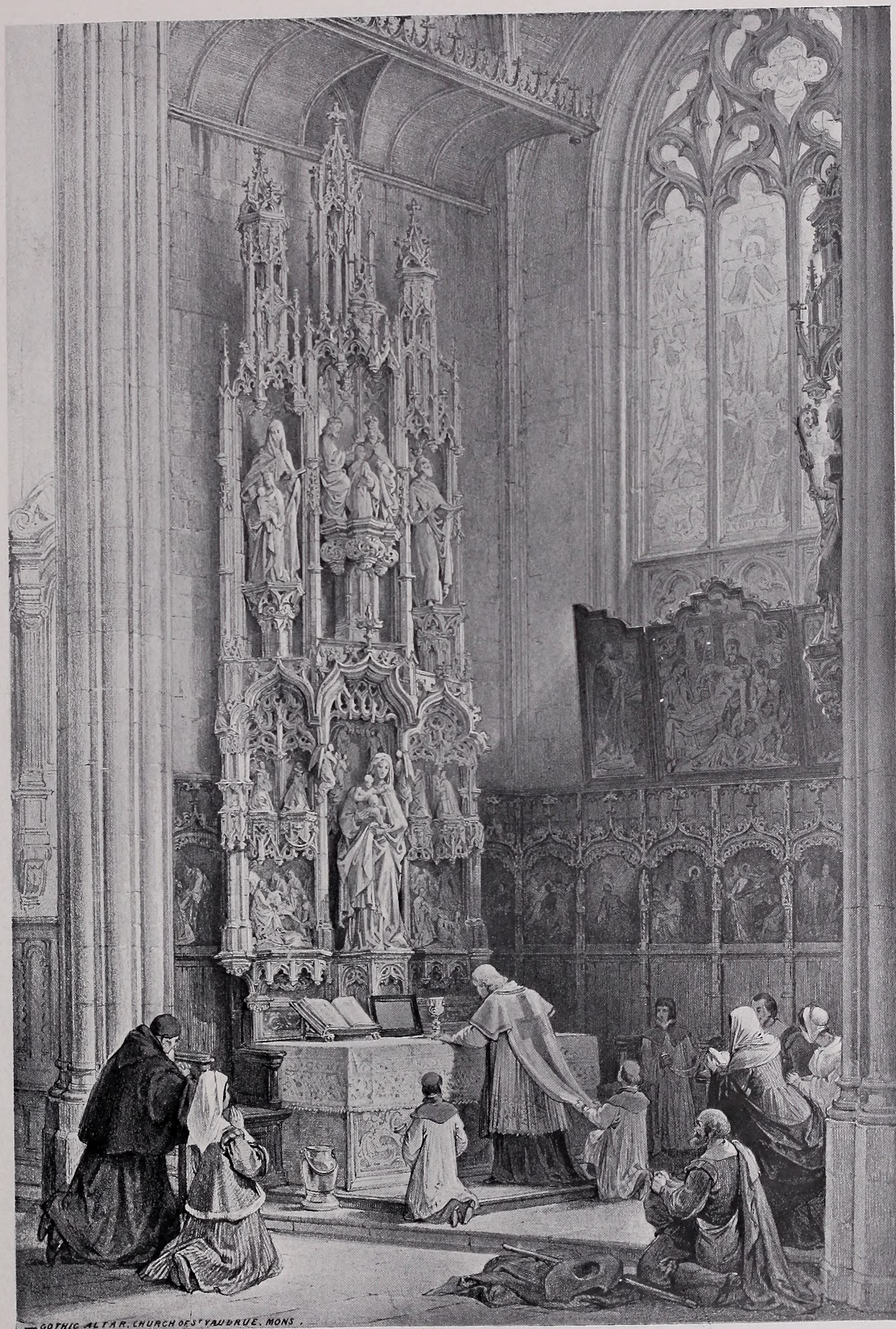
HIGH ALTAR IN THE CHURCH OF ST. MARTIN, HAL



THE SCREEN IN THE CHURCH OF DIXMUDE, BELGIUM



BAPTISMAL FONT IN THE CHURCH OF NOTRE DAME, HAL



GOTHIC ALTAR, CHURCH OF ST. VAUDRUE, MONS



ENTRANCE TO THE SACRISTY, ST. LAURENT, NUREMBERG



SCREEN IN THE CHURCH OF AERSOOT



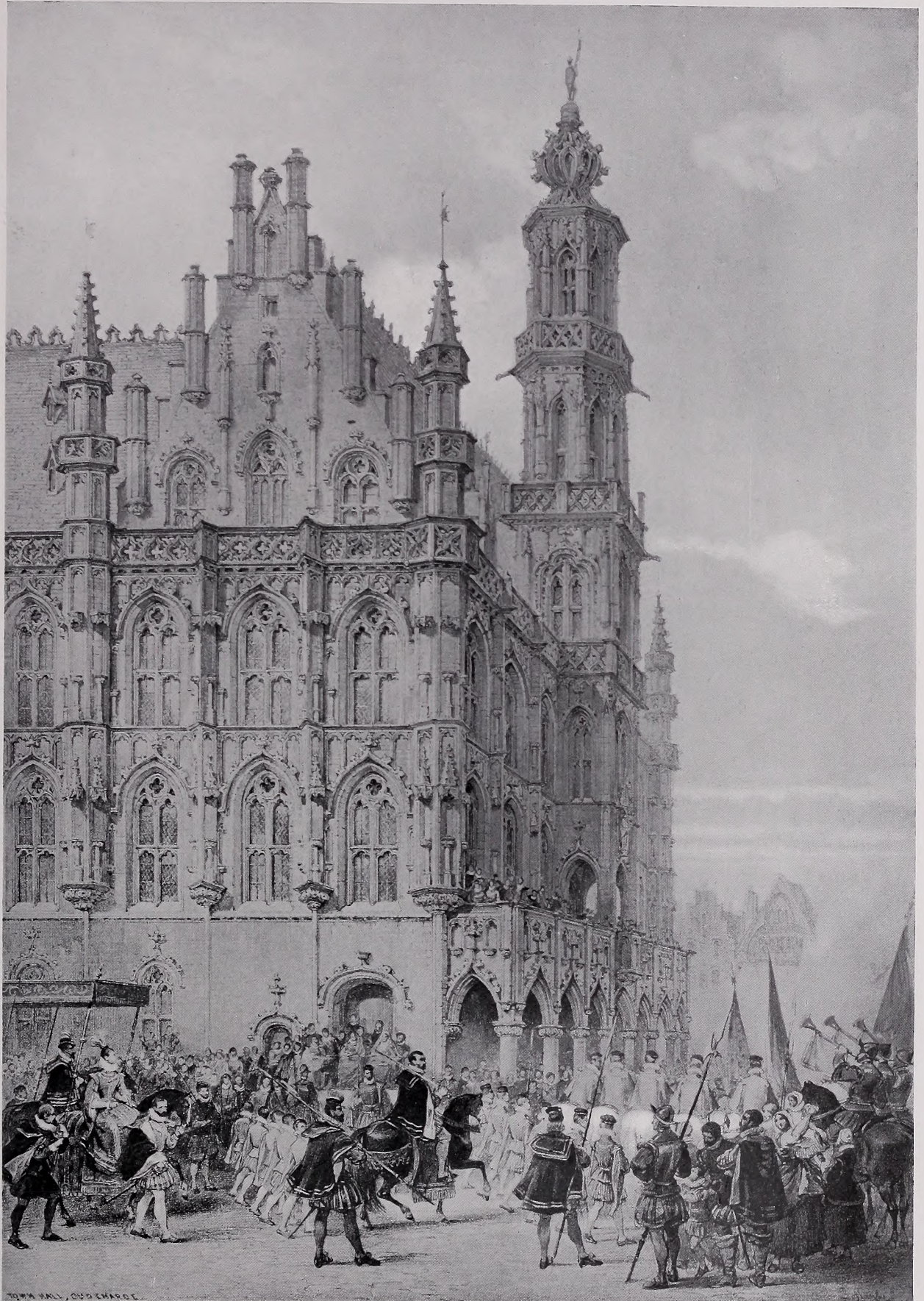
IN THE TOWN HALL, ANTWERP



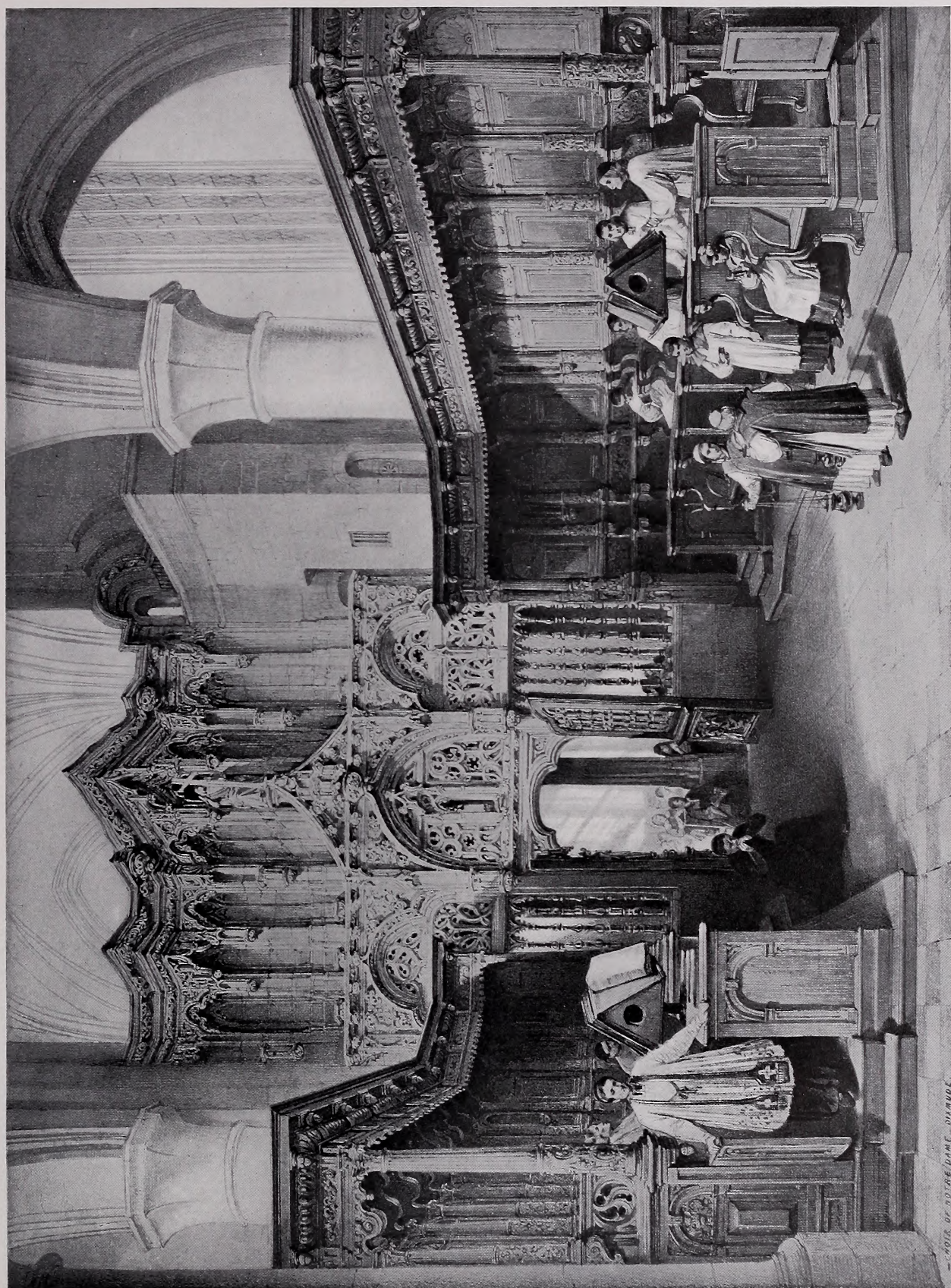
TOWN HALL, BRUSSELS



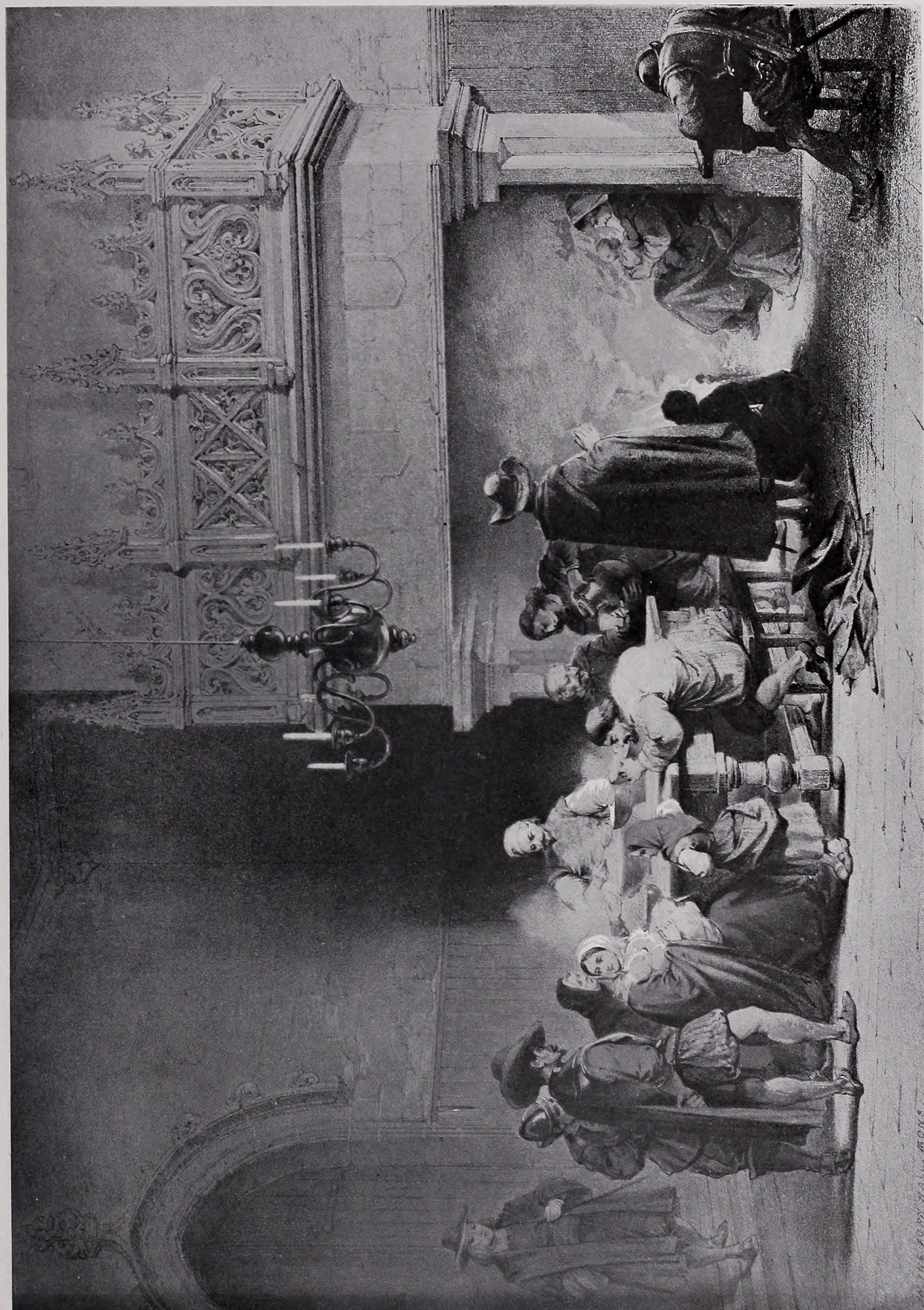
CHURCH OF ST. SEBOLD, NUREMBERG



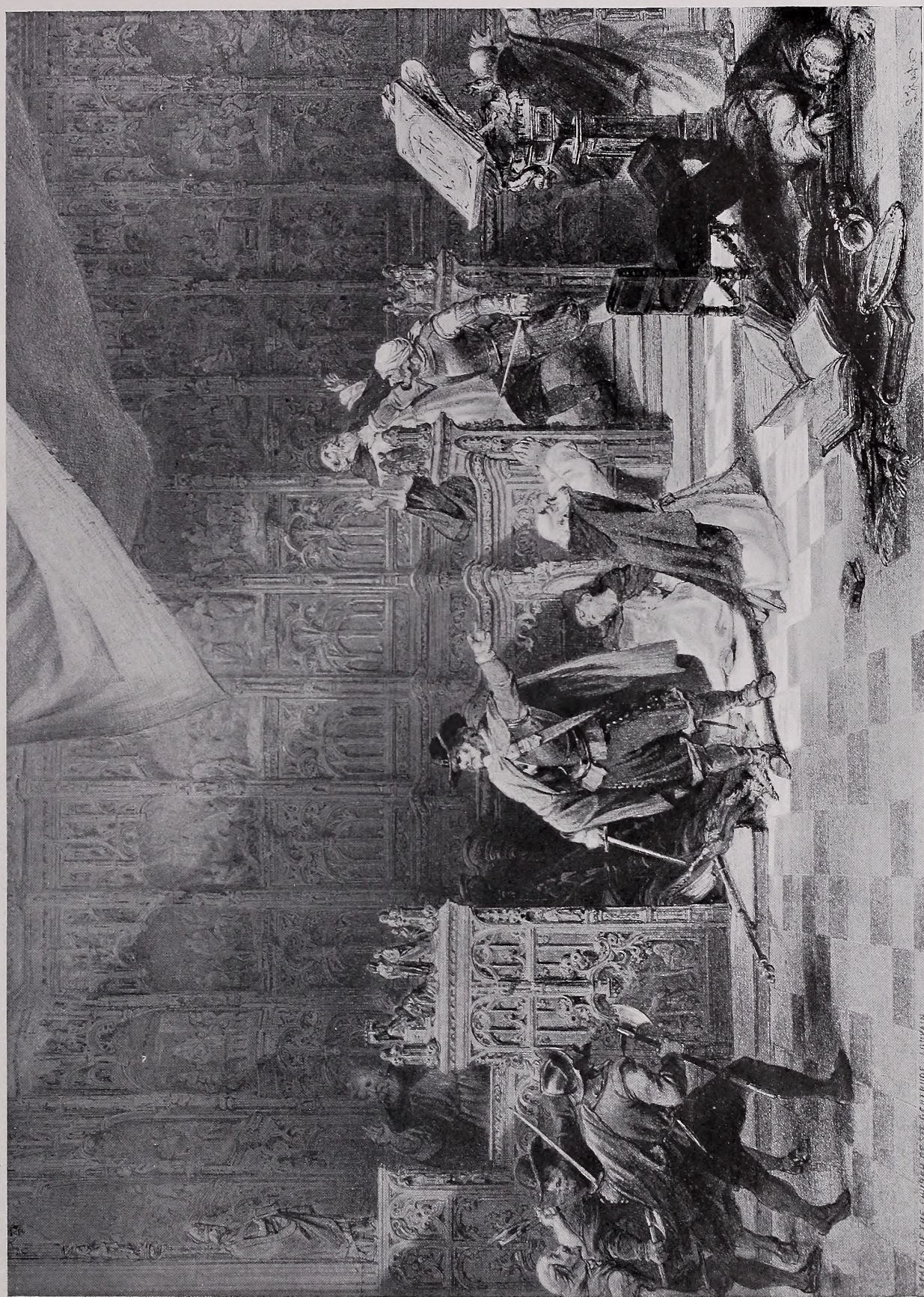
TOWN HALL, OUDENARDE



CHOIR OF NOTRE DAME, DIXMUDE



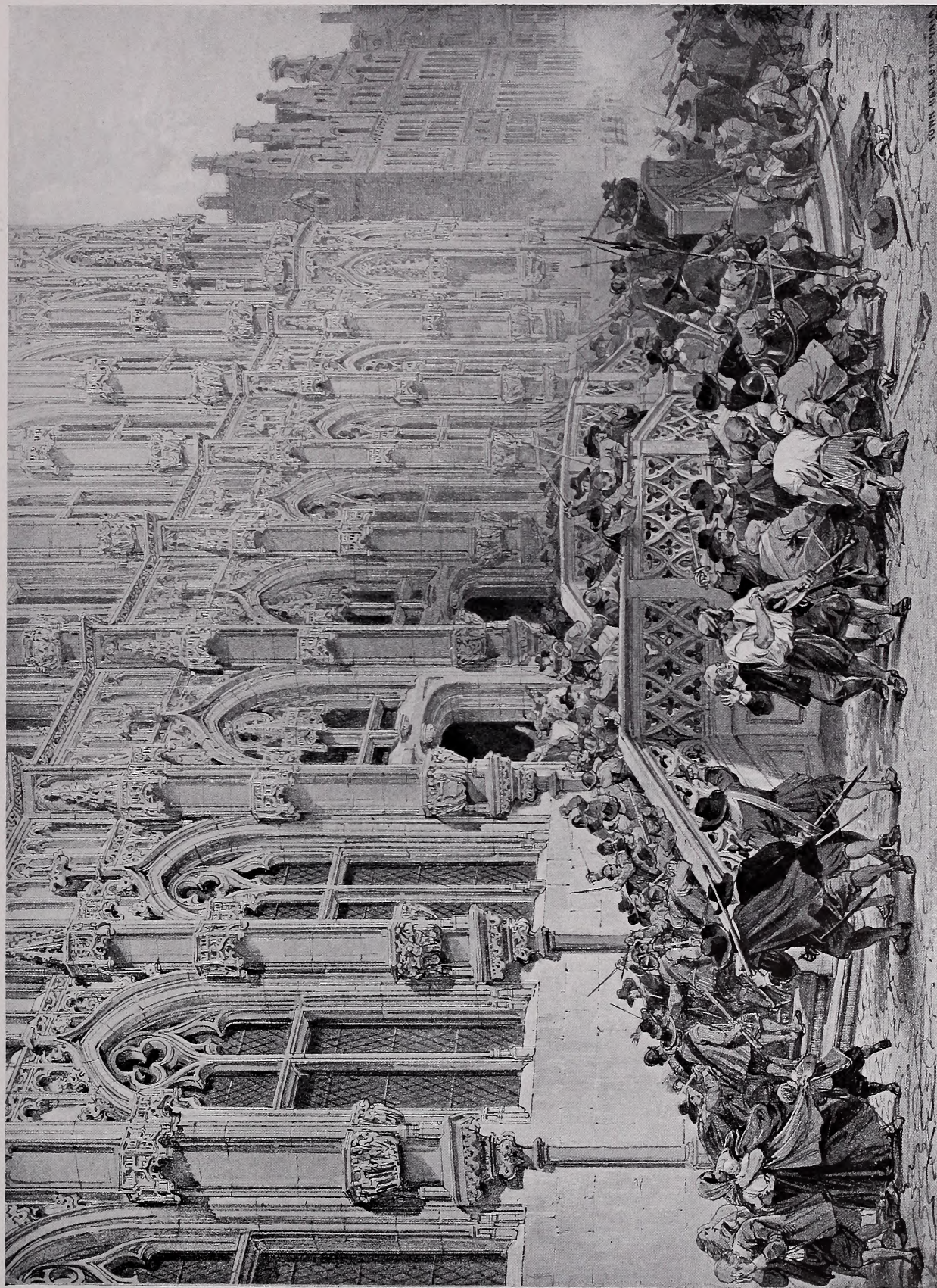
IN THE TOWN HALL, MONS



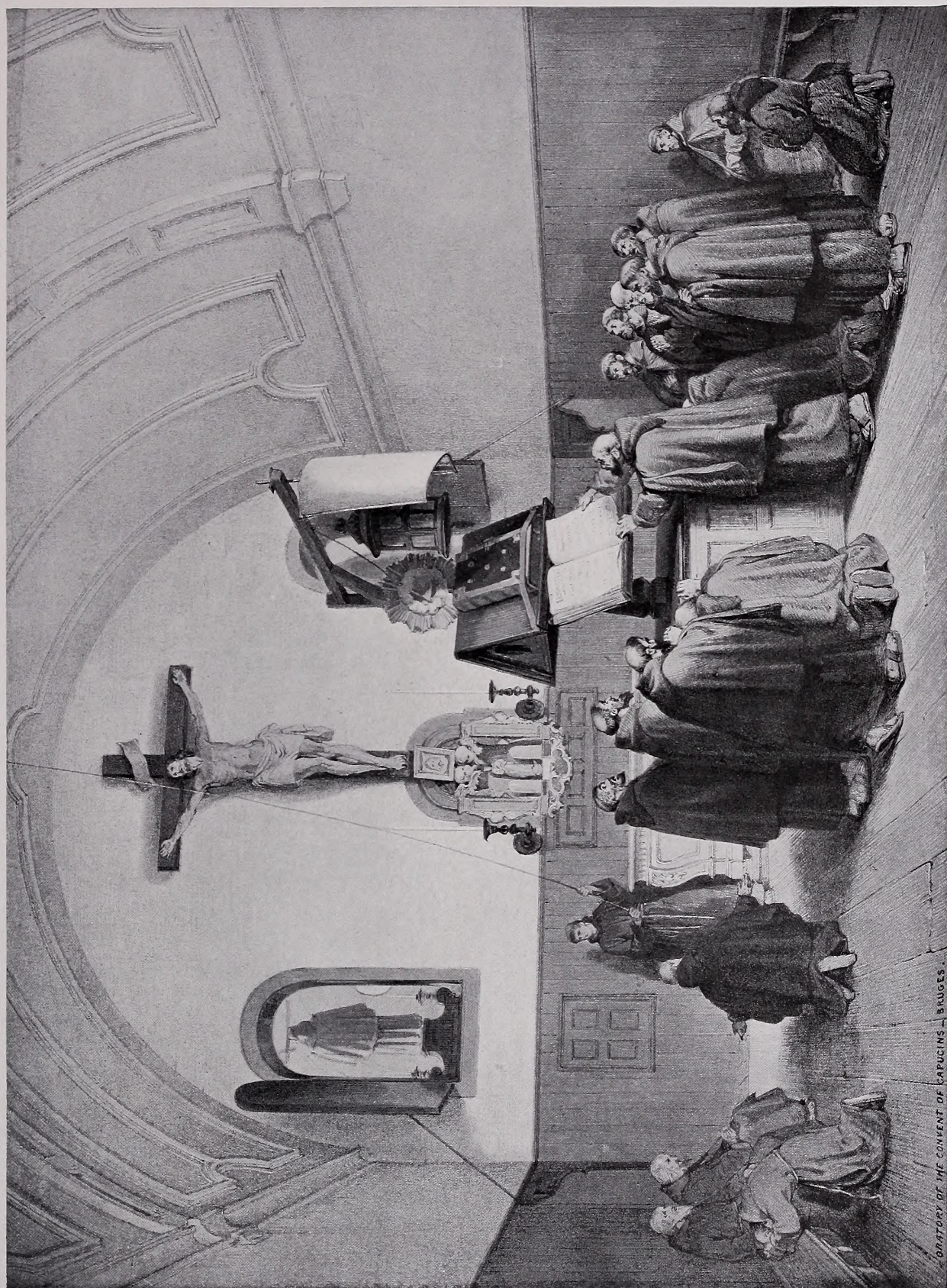
STALLS OF THE CHURCH OF STE. GERTRUDE, LOUVAIN



ANCIEN BOURSE, ANTWERP



TOWN HALL OF LOUVAIN



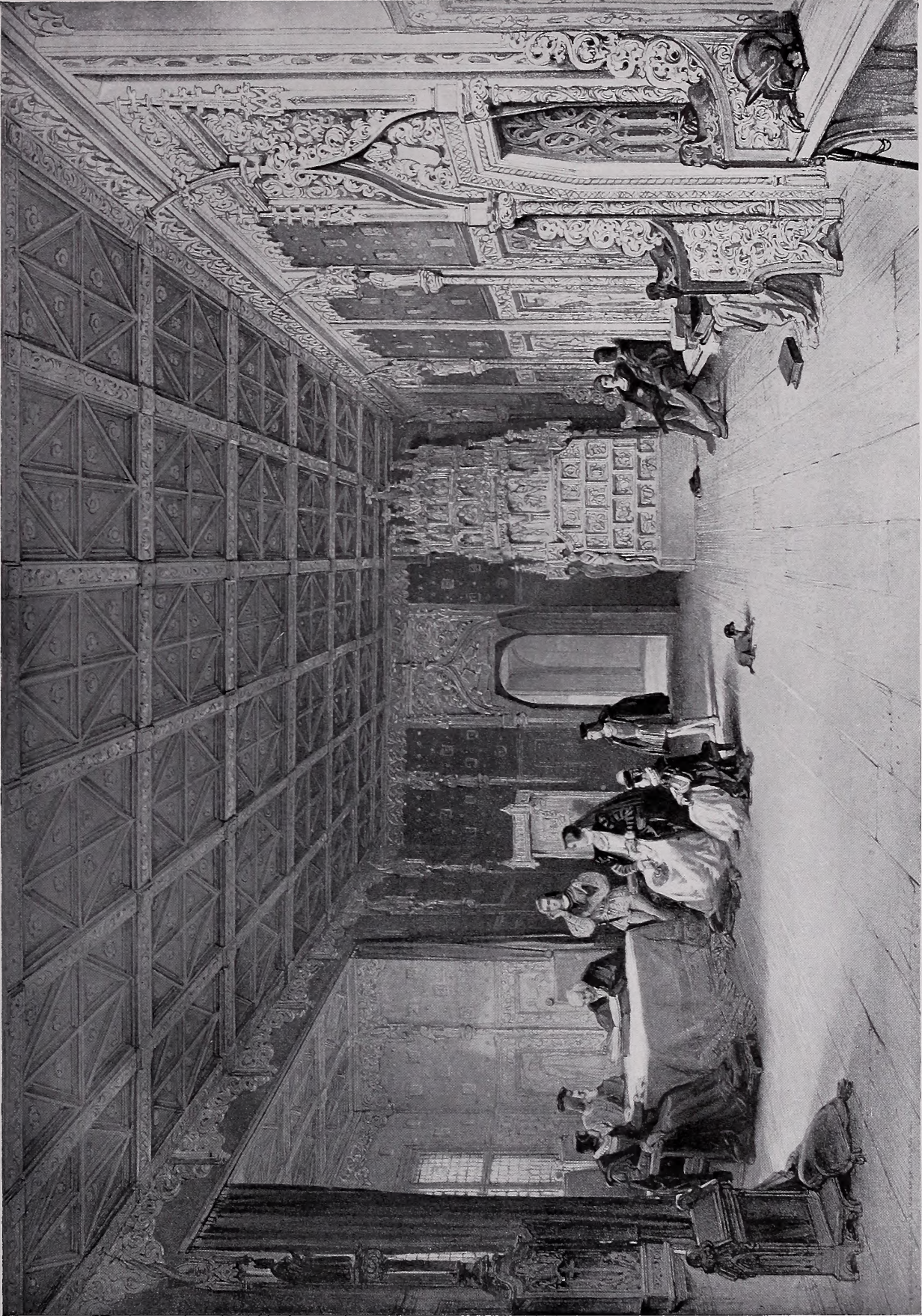
ORATORY OF THE CONVENT OF CAPUCINS, BRUGES



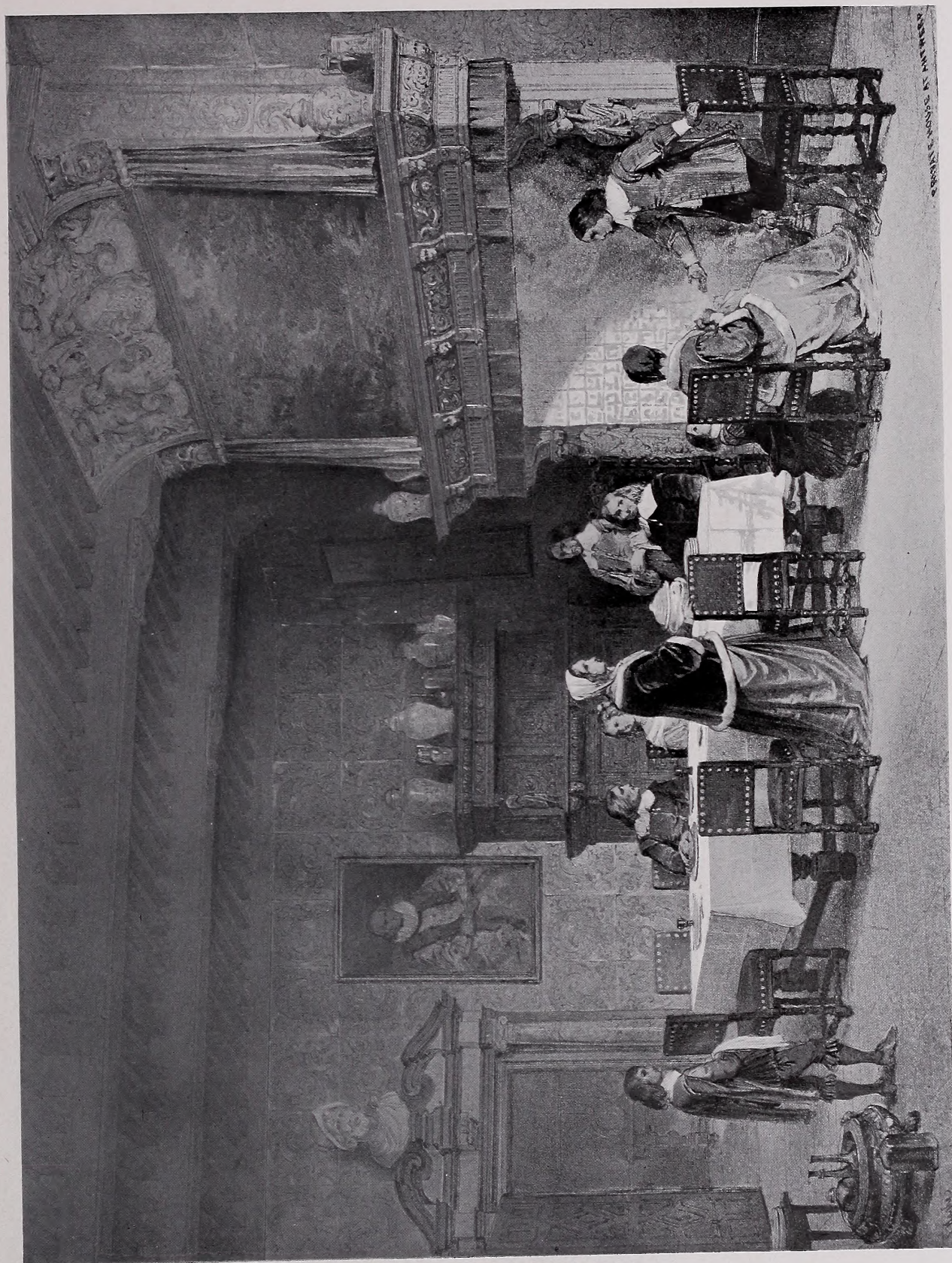
BREWERS' CORPORATION ROOM, ANTWERP



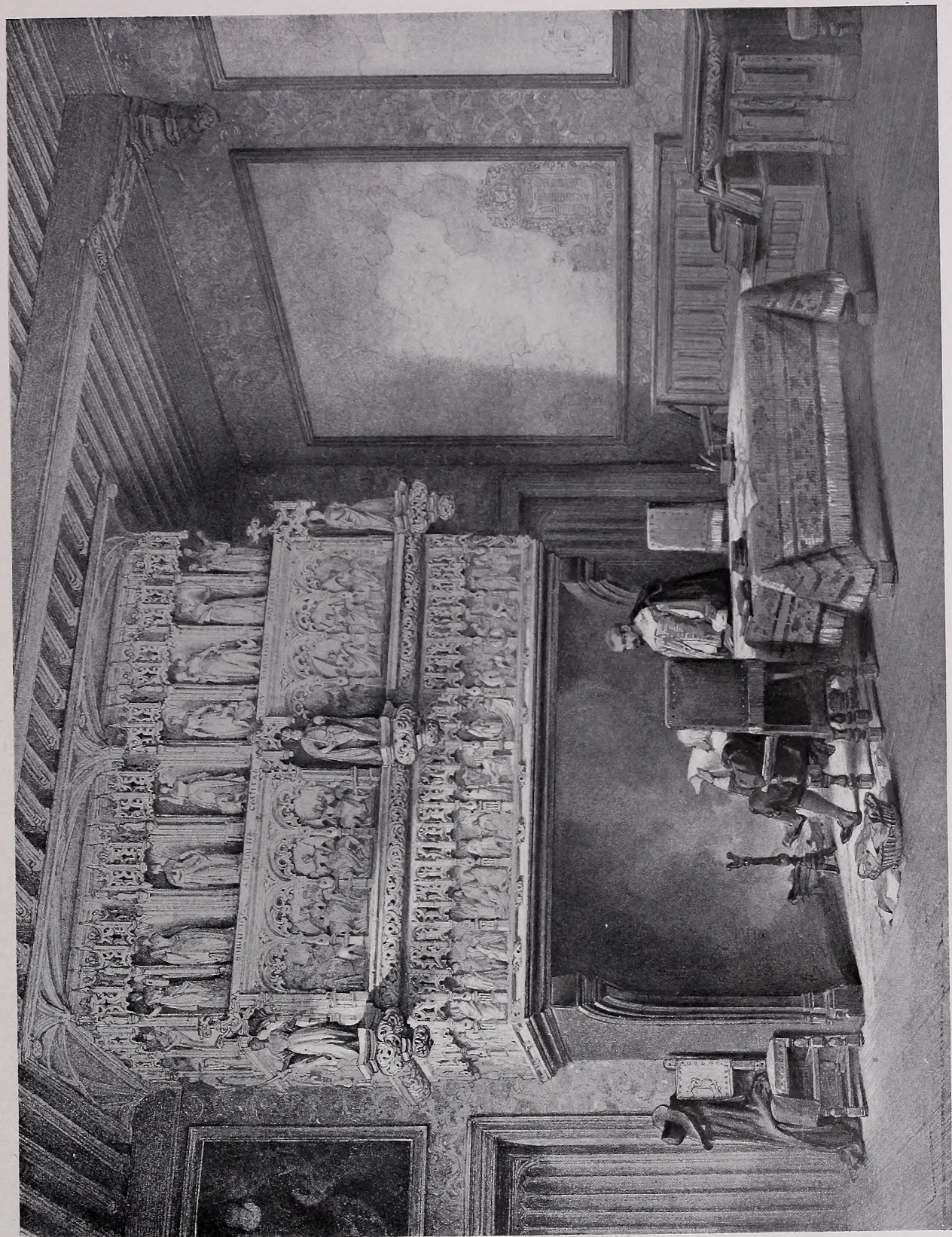
HALL OF JUSTICE, BRUGES



PRINCE'S ROOM, CASTLE HOHENSALZBURG



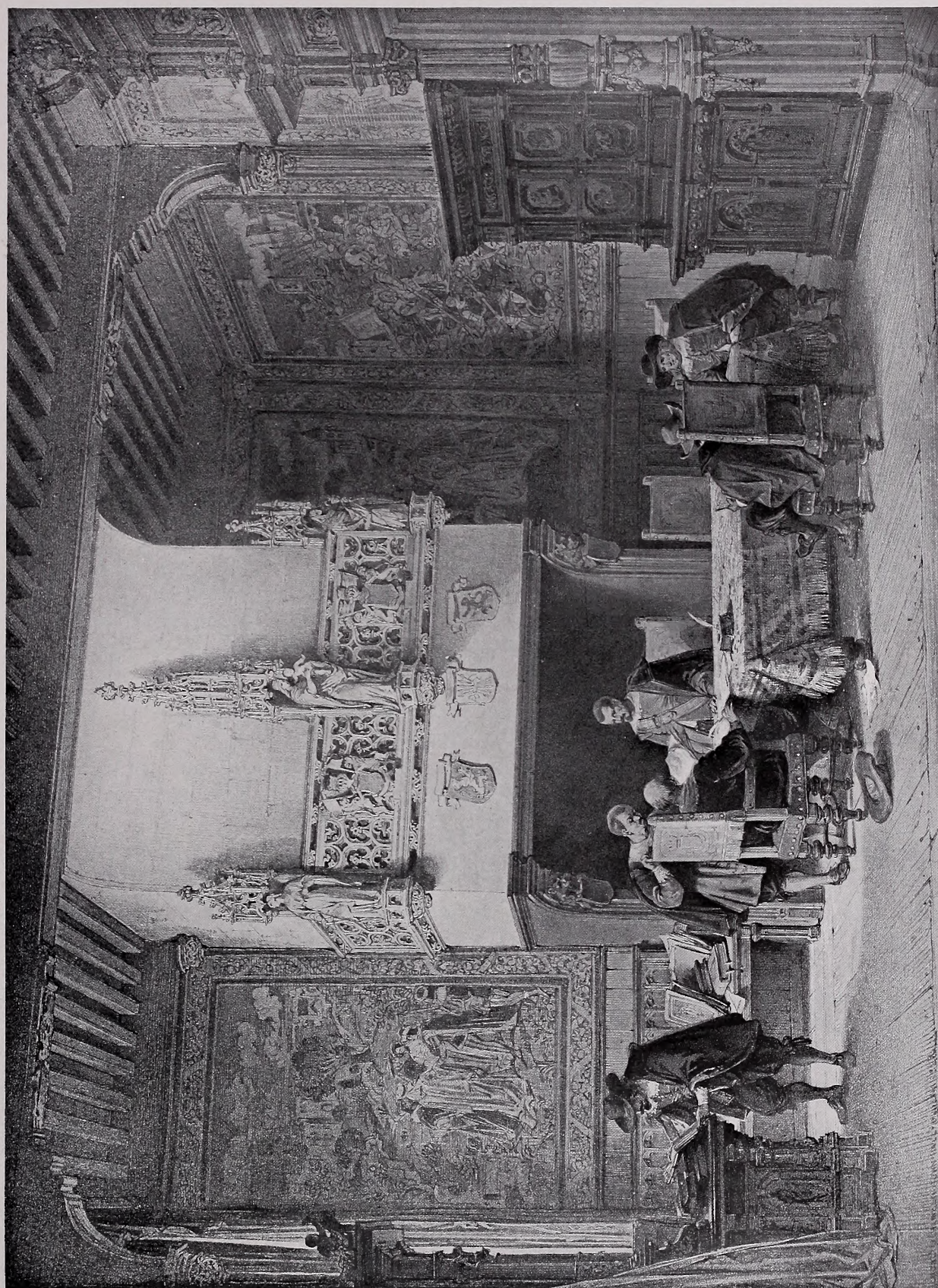
PRIVATE HOUSE, ANTWERP



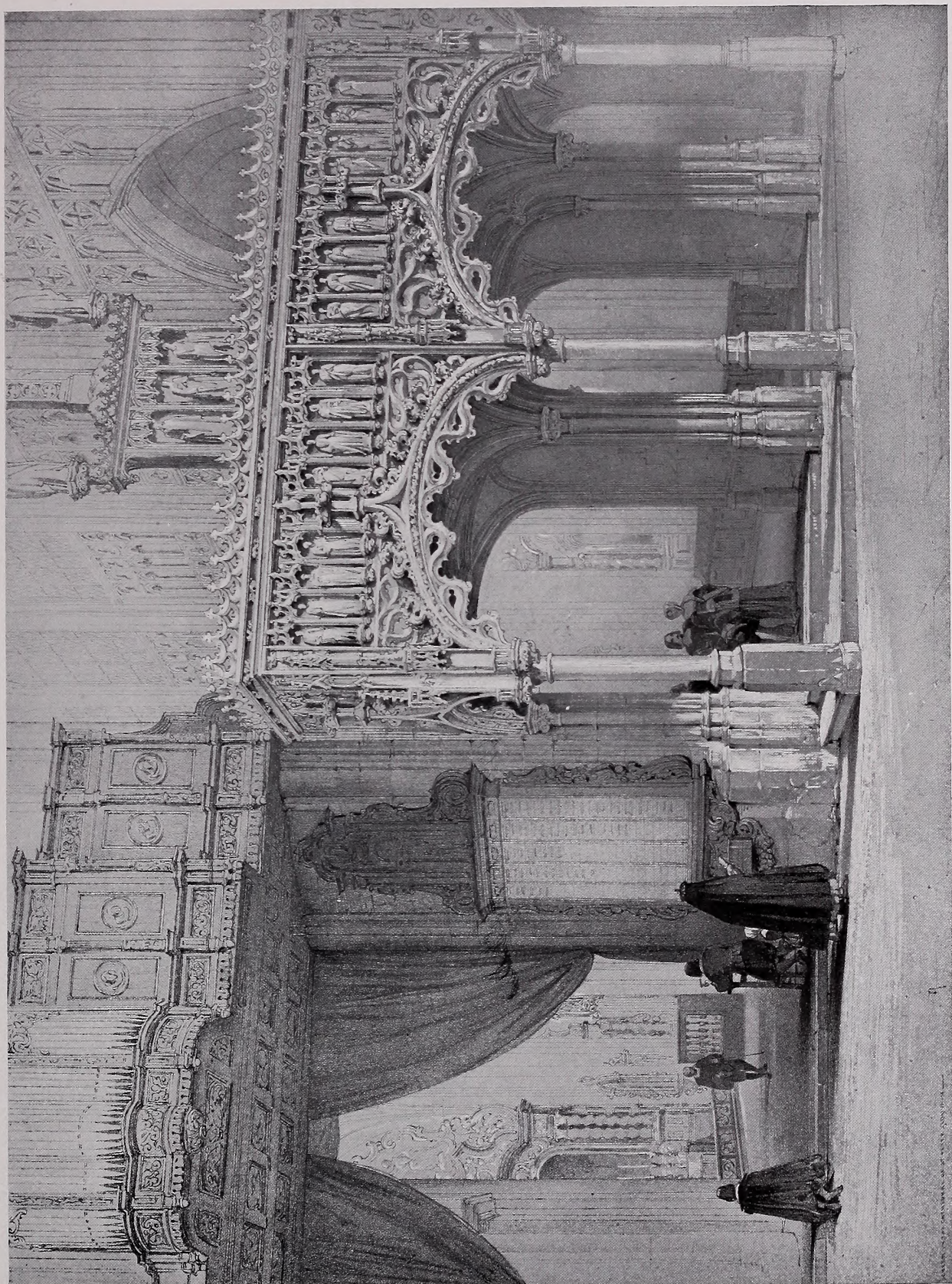
COUNCIL ROOM IN THE TOWN HALL, COURTRAI



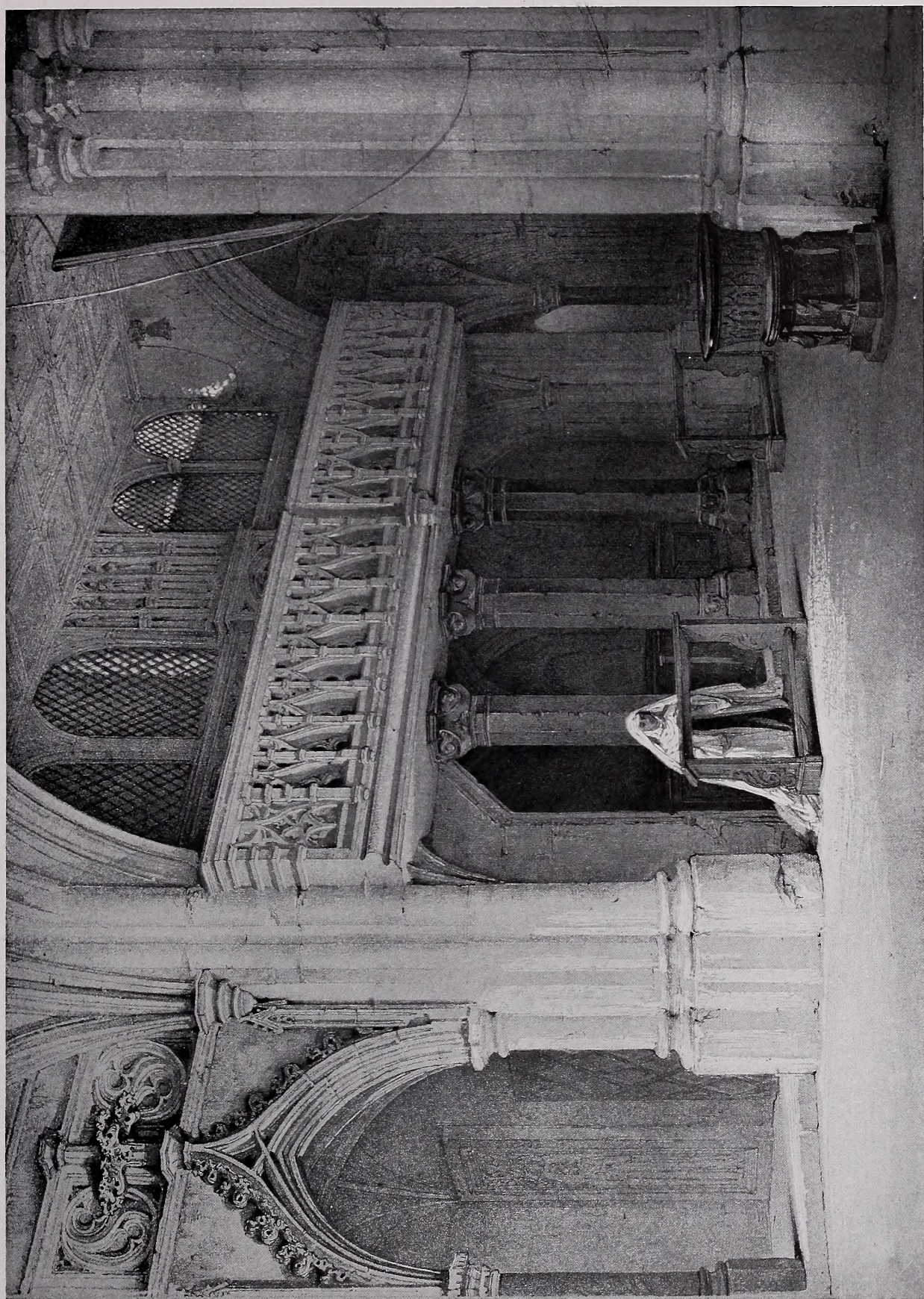
CONFESSORIAL, CHURCH OF ST. PAUL, ANTWERP



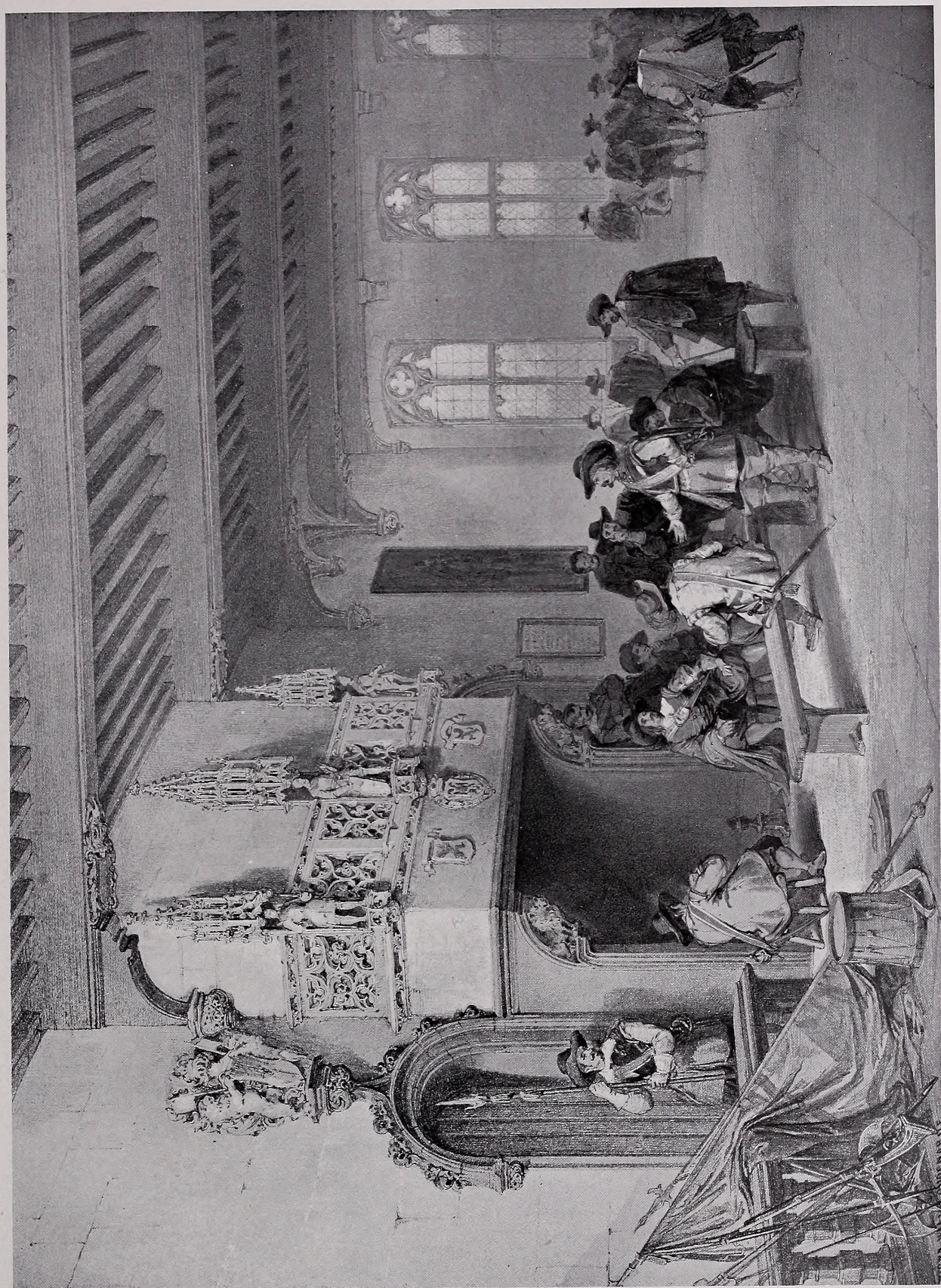
COUNCIL CHAMBER, TOWN HALL, OUDENARDE



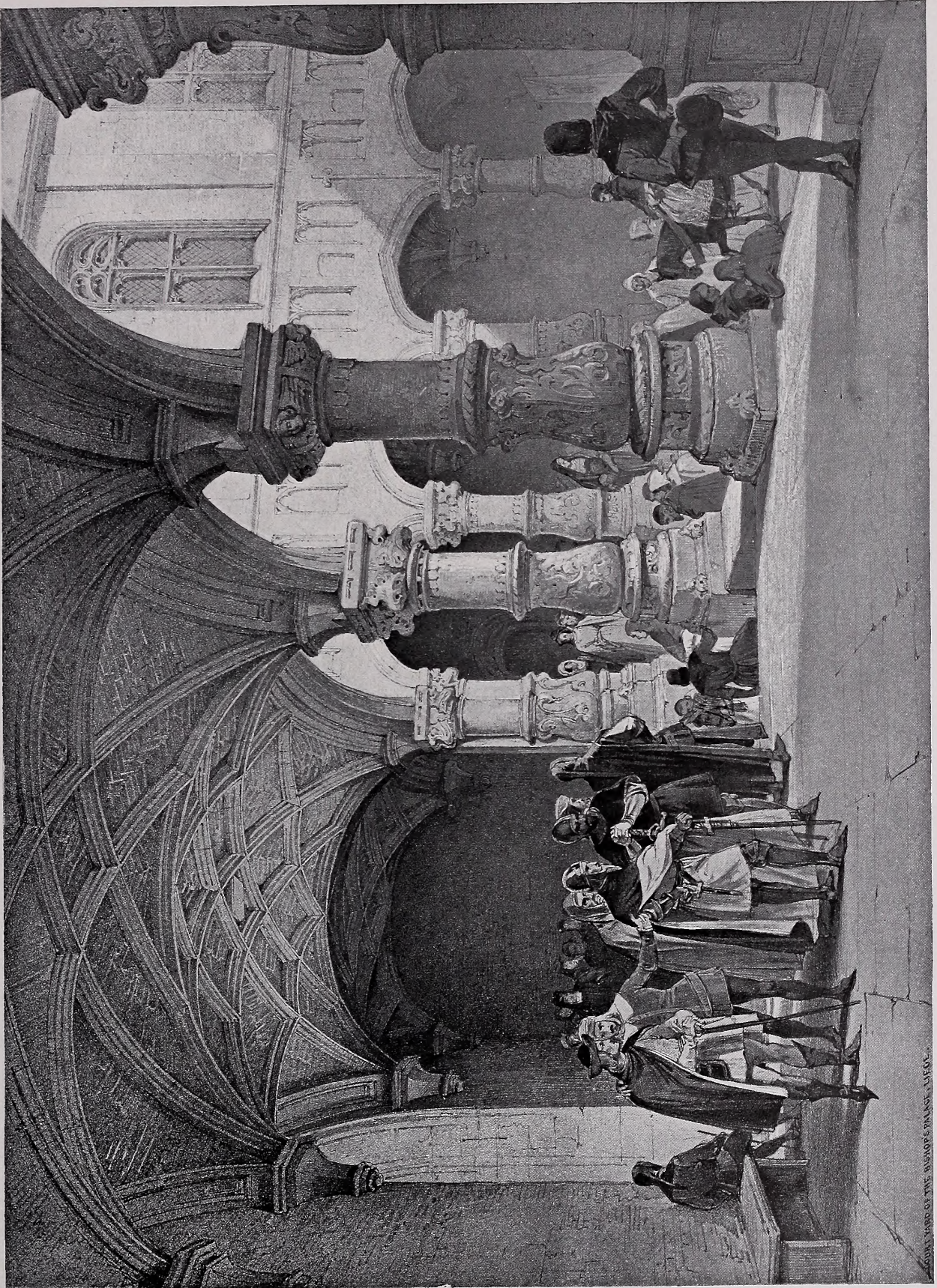
SCREEN IN THE CATHEDRAL OF ST. PETER, LOUVAIN



CHAPEL OF THE NONNBERG CONVENT, SALZBURG



TOWN HALL, OUDENARDE



COURTYARD OF THE BISHOP'S PALACE, LIEGE

GOULDING OF THE BISHOP'S PALACE, LIEGE



CLOISTERS AT RATISBON

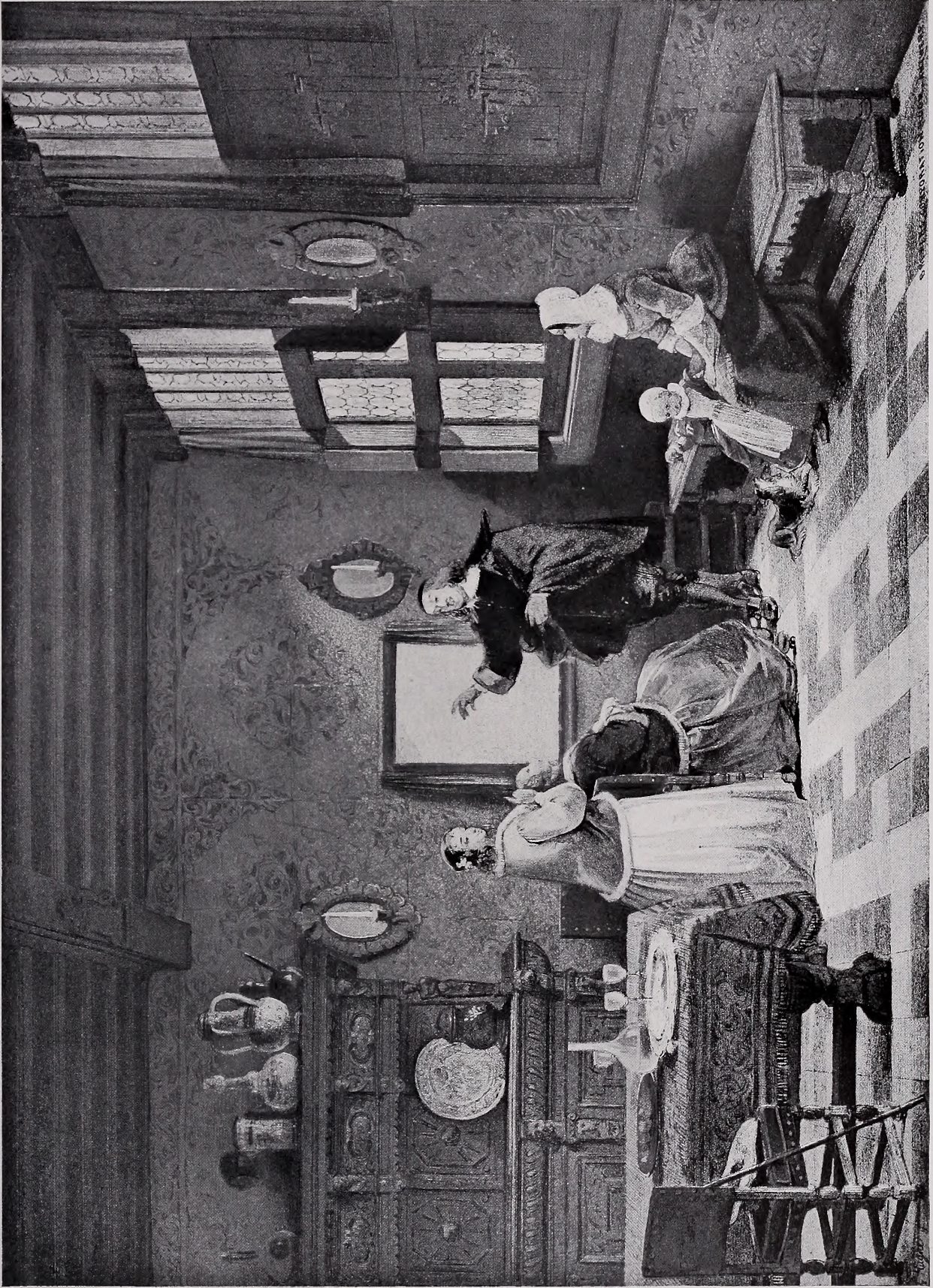
—CLOISTERS AT RATISBON—



HALL OF JUSTICE, BRUGES



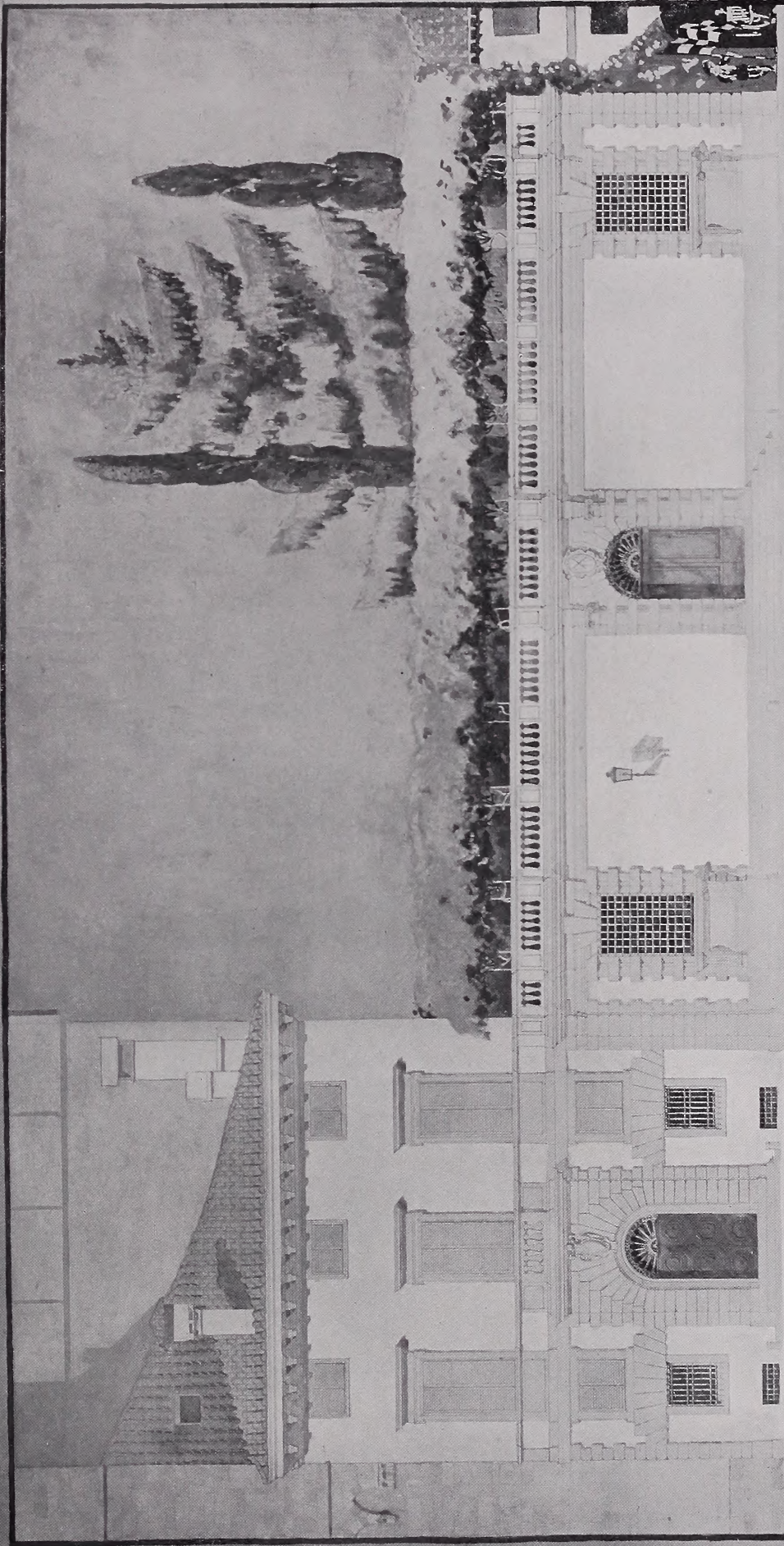
CONVENT OF ST. JEAN, YPRES



BREWERS' CORPORATION ROOM, ANTWERP

ENVOIS
OF THE ROTCH TRAVELLING
SCHOLARSHIP

NEILS H. LARSEN
CHARLES CAMERON CLARK



ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP.

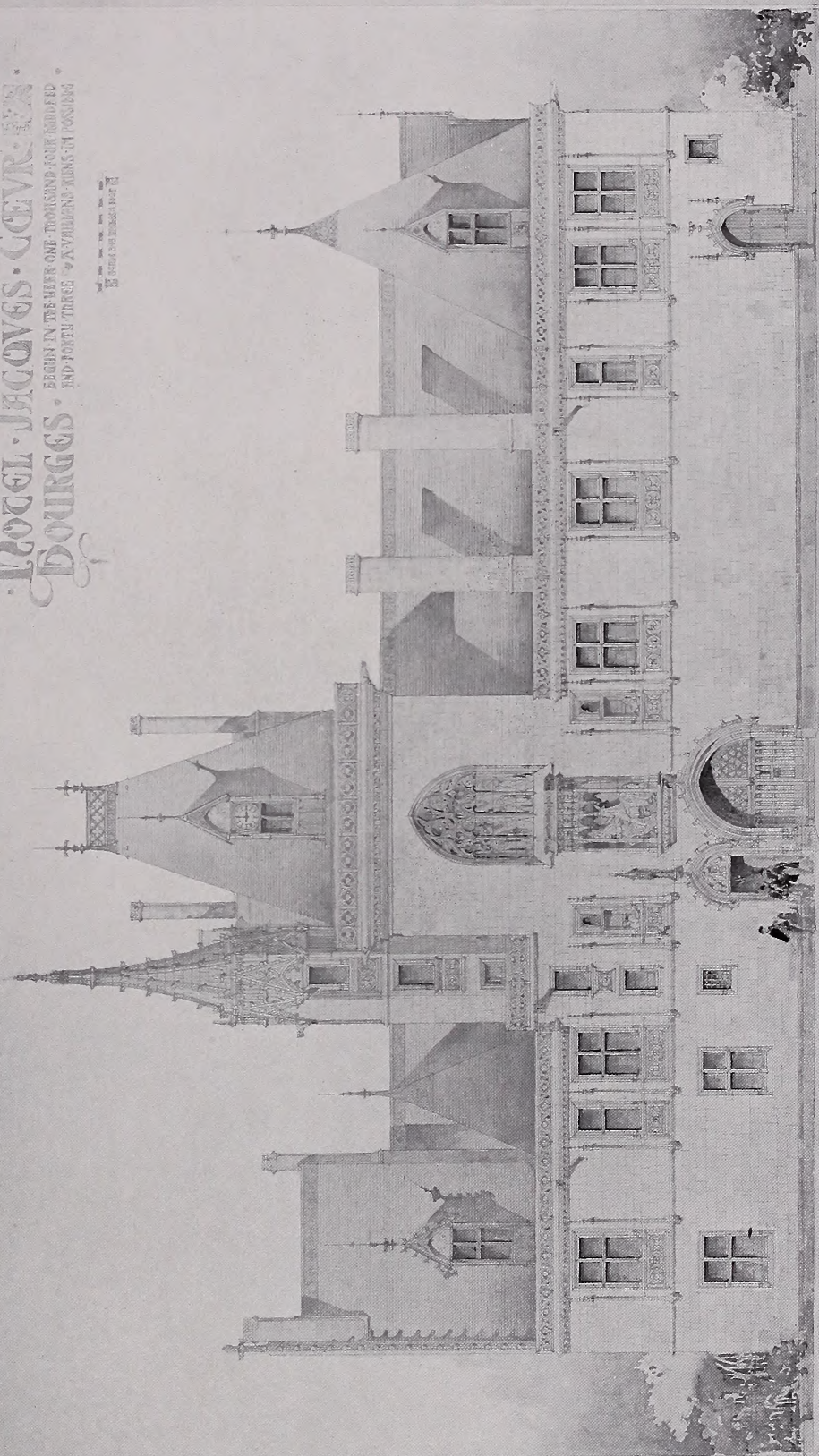
PALAZZETTO MICHELETTI BY AMMANNATI AT LUCCA

PALAZETTO MICHELETTI BY AMMANNATI AT LUCCA
CHARLES CAMERON CLARK

HOTEL JACQUES CŒUR, BOURGES.

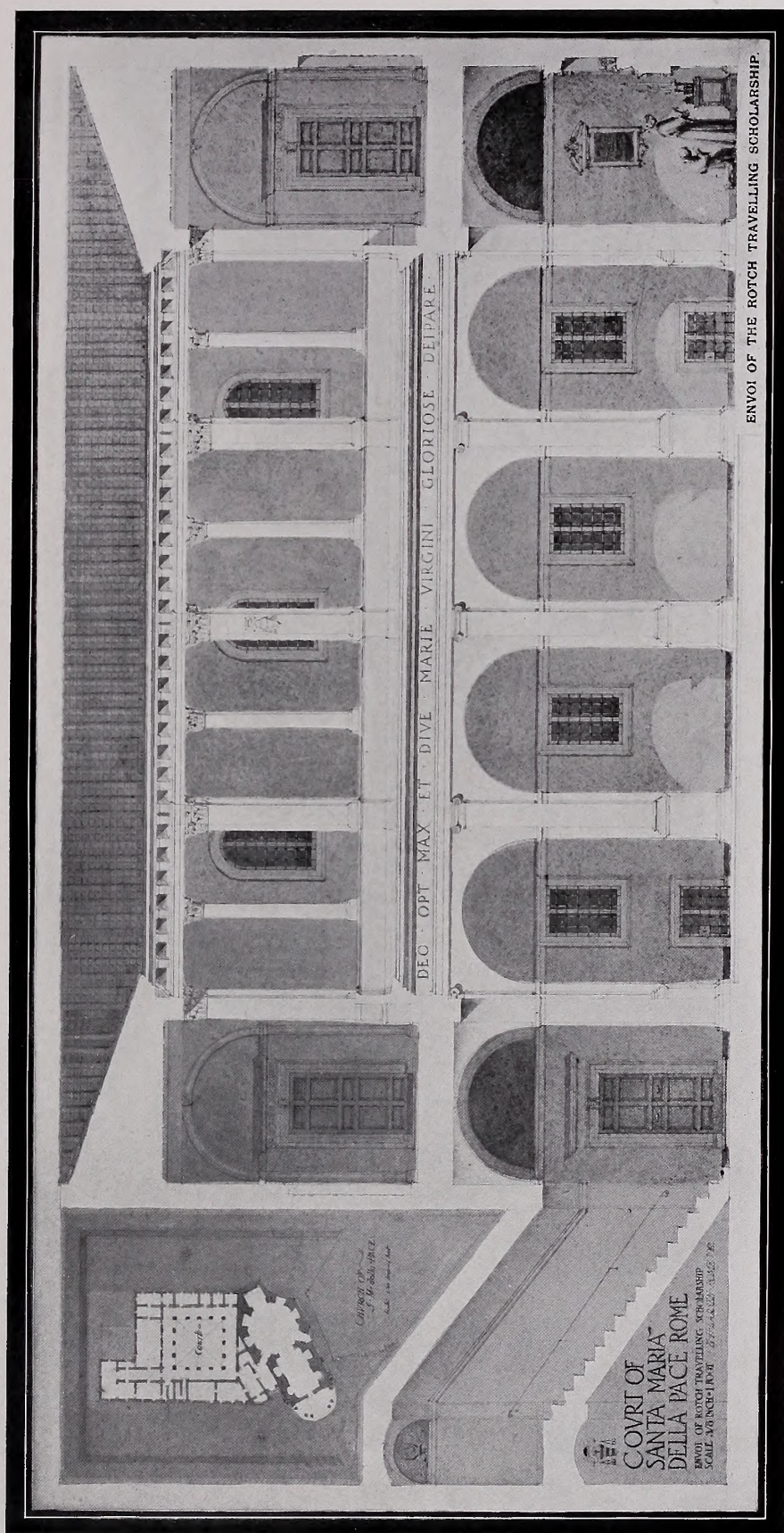
BEGUN IN THE YEAR ONE THOUSAND FOUR HUNDRED
AND FORTY THREE BY WILLIAM DE SAINTE-REMY.

DESIGN BY J. H. LARSEN.



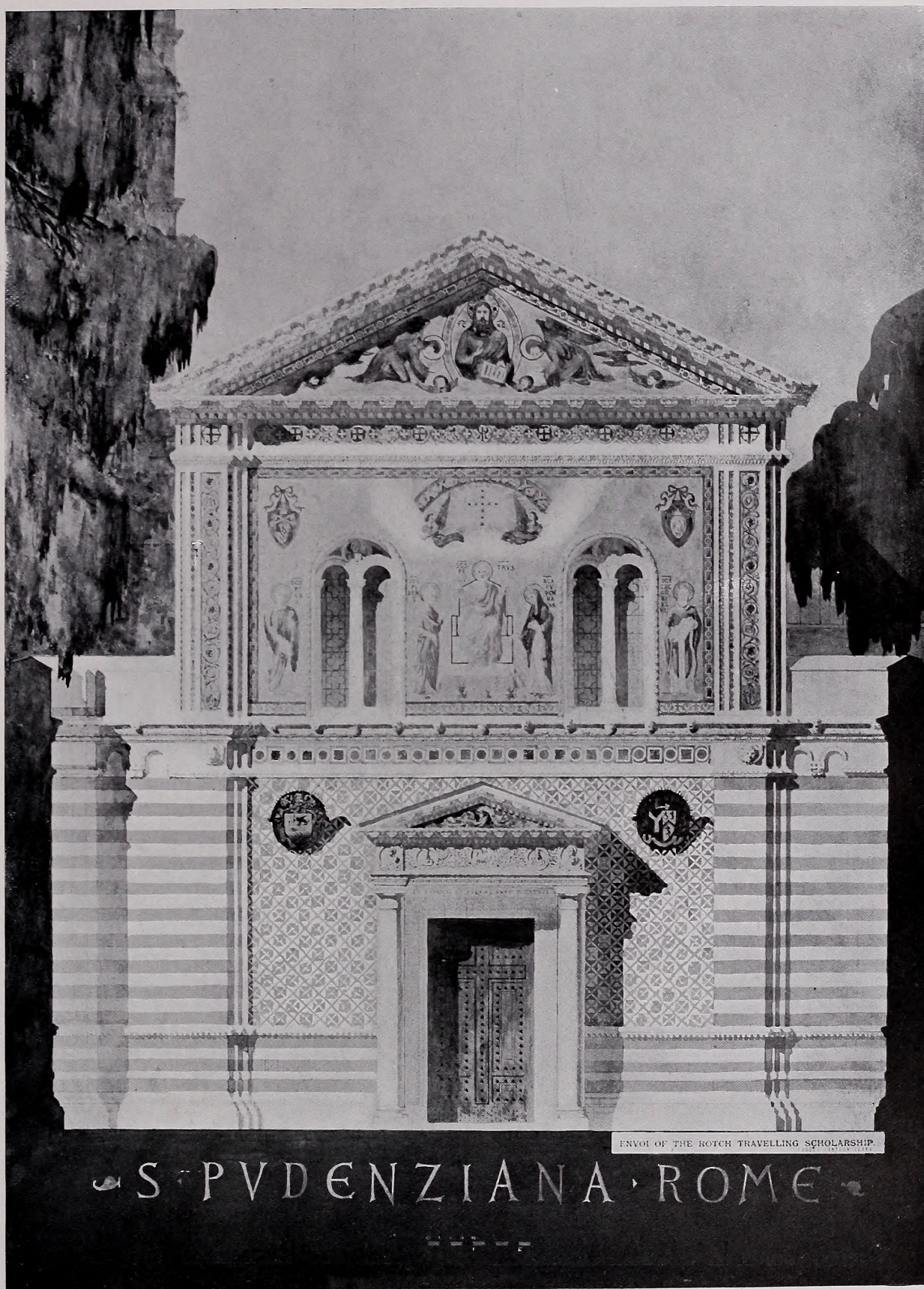
ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP.

HOTEL JACQUES CŒUR, BOURGES
NELS H. LARSEN



COURT OF SANTA MARIA, DELLA PACE, ROME
NEILS H. LARSEN

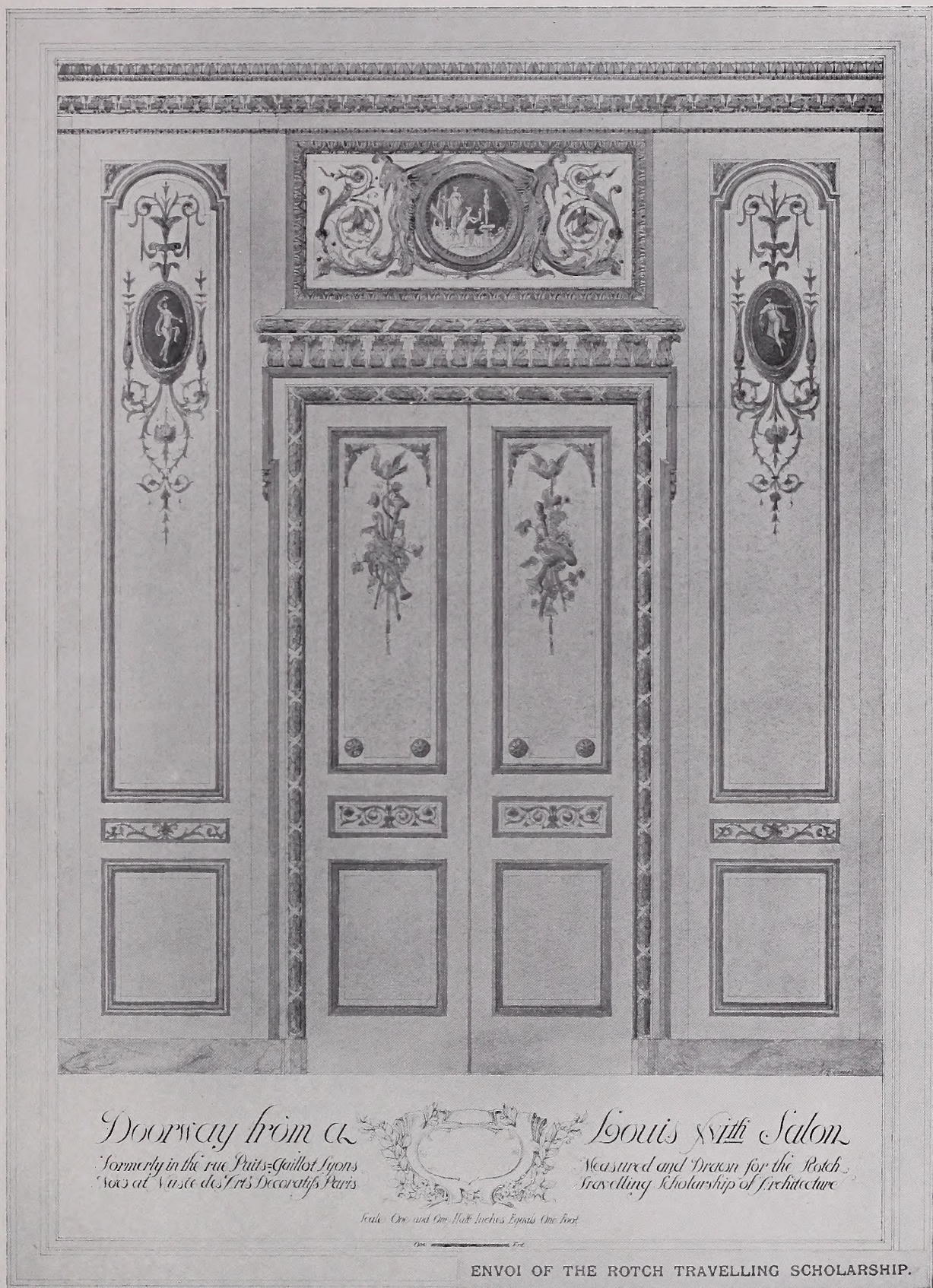
NEILS H. LARSEN



ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP.

S. PUDENZIANA · ROME

S. PUDENZIANA, ROME
CHARLES CAMERON CLARK



DOORWAY FROM A LOUIS XVI SALON
 BY NEILS H. LARSEN



CIBORIUM BY BENEDETTO
DA MAIANO AT SIENA

SCALE ONE AND A HALF INCHES EQUALS ONE FOOT

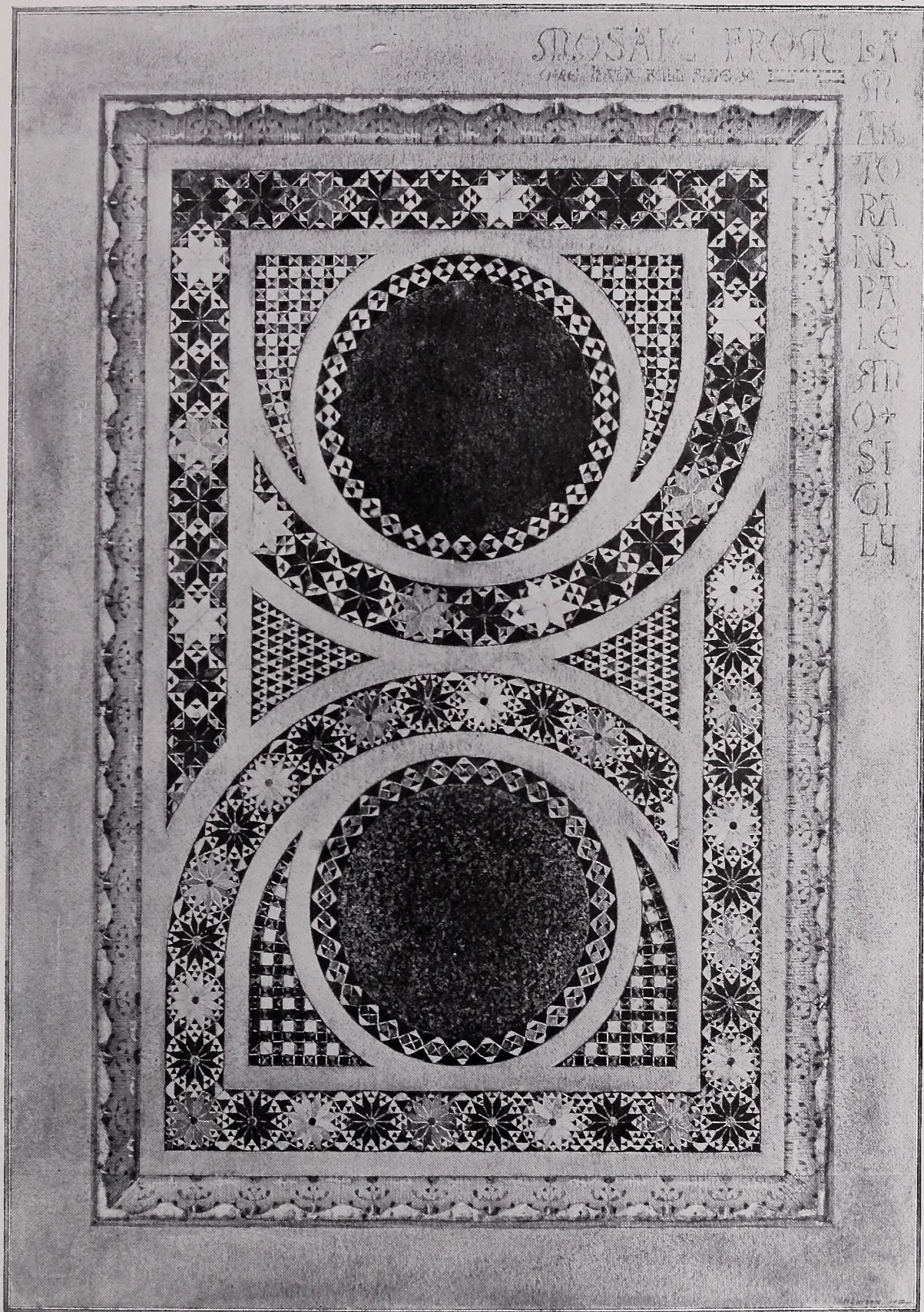
ENVOI OF THE ROTCH TRAVELLING SCHOLARSHIP.

CHARLES CAMERON CLARK

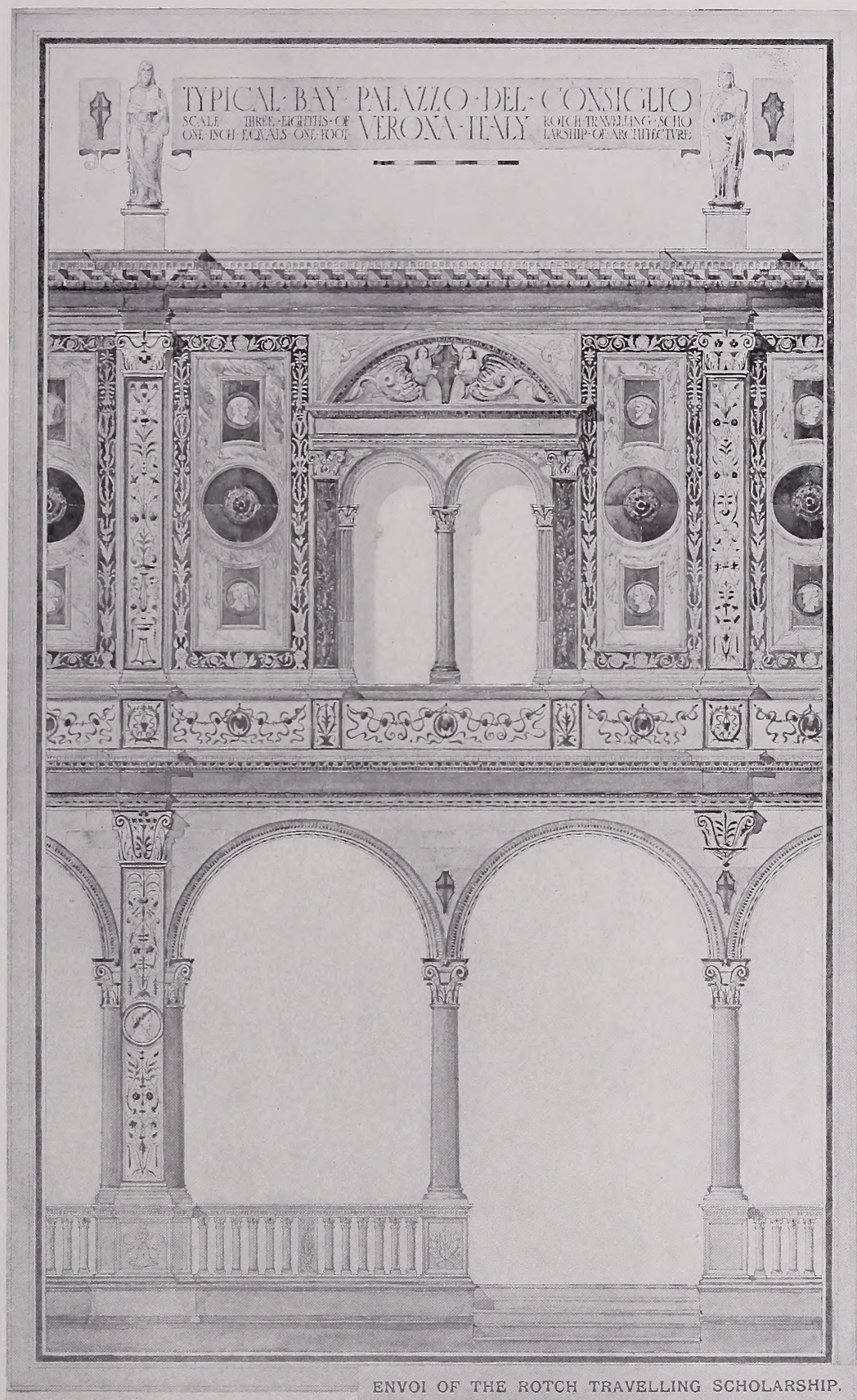
CIBORIUM BY BENEDETTO DA MAIANO AT SIENA
CHARLES CAMERON CLARK



CIBORIUM BY MINO DA FIESOLE, BAPTISTERY VOLTERRA
CHARLES CAMERON CLARK

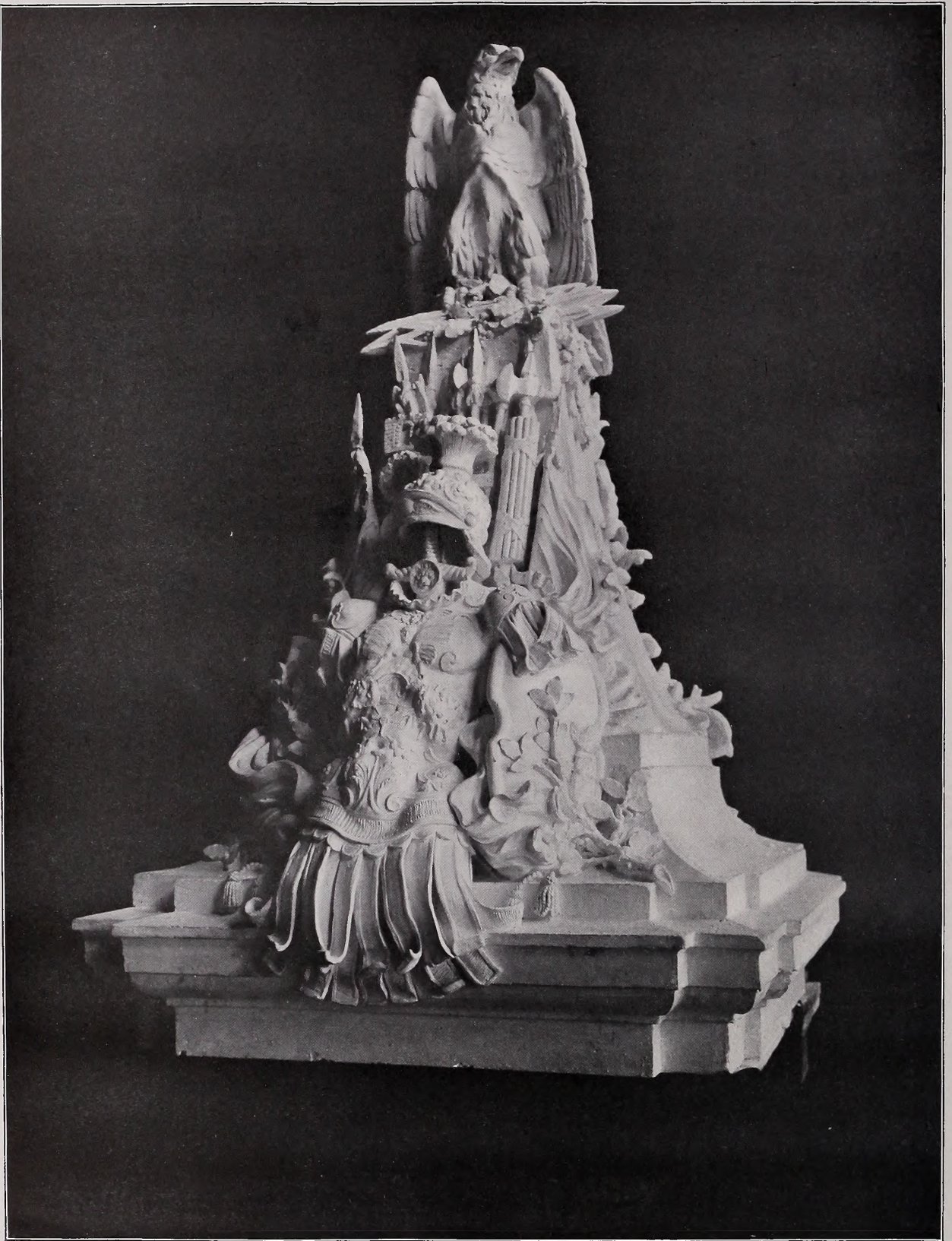


MOSAIC FROM LA MARTORANA PALERMO, SICILY
NEILS H. LARSEN



TYPICAL BAY, PALAZZO DEL CONSIGLIO, VERONA, ITALY

NEILS H. LARSEN



GROUP FOR NEW LARS ANDERSON BRIDGE
HAVEN & HOYT, ARCHITECTS
CARVED BY I. KIRCHMAYER

ADVERTISEMENT SECTION

INDEX OF ADVERTISERS

ARCHITECTURAL IRON AND METAL WORKERS		BRICK MANUFACTURERS AND DEALERS	
	PAGE		PAGE
Lieberman & Sanford Company	206	Bradford Pressed Brick Company	209
ARCHITECTURAL WOOD WORKERS		Darlington Brick & Mining Company ..	214
Davenport-Brown Company	180	Fiske & Company, Inc.	174-175
Evans, John & Co.	177	Kittanning Brick and Fire Clay Com- pany	213
Irving & Casson	218	Waldo Brothers	209-213-214
		Spears-Fish Brick Company	195
ARTIFICIAL STONE		CEMENTS	
Simpson Bros. Corporation	182-183	Atlas Portland Cement Company ...	211
ARTISTS' MATERIALS AND DRAUGHTING SUPPLIES		Edison Portland Cement Company ..	196
Makepeace, B. L.	214	Waldo Brothers	211
ASPHALT WORK		COLUMNS	
Simpson Bros. Corporation	182-183	Hartmann-Sanders Co.	223
BLUE PRINTING		U. S. Column Company	189
Makepeace, B. L.	214	CONCRETE CONSTRUCTION	
BOILERS AND HEATERS		Aberthaw Construction Company	188
Gurney Heater Co.	194	Simpson Bros. Corporation	182-183
Moriarty, G. J.	178	CONTRACTORS AND BUILDERS	
Smith Company, The H. B.	207	Aberthaw Construction Company ..	188
BRASS TUBING		Bigelow & Harriman	201
American Tube Works	190	Bishop Company, J. W.	208
		Levering & Garrigues Company	196
		Mitchell & Sutherland	198
		The Whitney Company	170

INDEX OF ADVERTISERS

COOKING APPARATUS AND APPLIANCES

	PAGE
Boston Consolidated Gas Company	171

DECORATORS

Davenport Company, A. H.	218
Irving & Casson	218
Paine Furniture Co.	172
Pennell, Gibbs & Quiring Co.	199
Wingate & Son, James I.	197

ELEVATORS

Otis Elevator Company	192
See Electric Elevator Company, The	
A. B.	215-216-217

FIREPROOFING AND FIREPROOF CONSTRUCTION & MATERIALS

National Fireproofing Company	219
-------------------------------	-----

FIRE BRICK, FIRE CLAY, TILES AND SPECIALTIES

Gautier & Co., J. H.	212
Waldo Brothers	212

FURNACES, RANGES AND HEATERS

Gurney Heater Co.	194
Wrought Iron Range Co.	204

FURNITURE

Paine Furniture Company	172
-------------------------	-----

GAS

Boston Consolidated Gas Company	171
---------------------------------	-----

GLASS, PLATE, WINDOW, ETC.

Pittsburgh Plate Glass Company	179
--------------------------------	-----

GREENHOUSES

	PAGE
Lord & Burnham Co.	184

HARDWARE

Hunter & Company, J. B.	199
Stanley Works, The	208

HEATING ENGINEERS AND CONTRACTORS

Merrill Company, The	197
Warren, Webster Company	188

HINGES

Stanley Works, The	208
--------------------	-----

INSTANTANEOUS WATER HEATERS

Boston Consolidated Gas Company	171
---------------------------------	-----

JOIST HANGERS

Lane Brothers Company	206
-----------------------	-----

LIGHTING FIXTURES, GAS AND ELECTRIC

Bigelow, Kennard & Company	220
Boston Consolidated Gas Company	171
McKenney & Waterbury Company	186

LUMBER

Stearns Lumber Company, The A. T.	202
-----------------------------------	-----

PAINTERS

Beck, Edward C.	202
A. D. Howlett Co.	176
Wingate & Son, James I.	197

PAINTS AND VARNISHES

National Lead Company	203
-----------------------	-----

INDEX OF ADVERTISERS

PAINTS AND VARNISHES—Continued		SASH CORD	
	PAGE		PAGE
Pittsburgh Plate Glass Company	179	Samson Cordage Works	177
Standard Varnish Works	180		
PLASTERERS		SHEET METAL WORK	
Donovan & Company, D. F.	205	Van Noorden Co., The E.	181
Muir Brothers	189		
PLUMBERS		SHINGLES	
Mitchell & Son Company, William H. .	190	Stearns Lumber Company, The A. T. .	202
PLUMBING SUPPLIES AND SANITARY SPECIALTIES		SHINGLE STAINS	
American Tube Works	190	Cabot, Samuel, Inc.	185
Dececo Company, The	178	Dexter Brothers Company	193
Mott Iron Works, The J. L.	191		
Standard Sanitary Mfg. Co.	200	STEAM REGULATING TRAPS	
PRINTERS		Watson & McDaniel Company	181
Dodge Co., Geo. B.	223		
PRISMATIC AND SIDE-WALK LIGHTS		TERRA COTTA	
American Luxfer Prism Company, The .	205	Atlanta Terra Cotta Company	187
RADIATORS		TILES AND TILING	
Smith Company, The H. B.	207	Tyler-Wires Company	195
REFRIGERATORS		VACUUM CLEANING AND CLEANERS	
The William G. Bell Company	222	Sanitary Dust Removing Co.	221
McCray Refrigerator Company	222		
ROOFING MATERIALS		VALVES	
Barrett Manufacturing Company . . .	173	Jenkins Brothers	191
SAFES AND VAULTS		Watson & McDaniel Company	181
Mosler Safe Company	181		
		WALL PLUGS AND TIES	
		Prescott & Son, J. P.	210
		Waldo Brothers	210
		VARNISHES	
		Standard Varnish Works	180



BOSTON CITY CLUB

THE WHITNEY COMPANY

INCORPORATED 1902

12 WEST STREET, BOSTON, MASS.

BUILDERS

ARCHITECTURAL AND ENGINEERING CONSTRUCTION

LOCAL REPRESENTATIVE BUILDINGS

BOSTON CITY CLUB, BOSTON, MASS.	- - - - -	NEWHALL & BLEVINS, ARCHITECTS
SCOLLAY BUILDING, BOSTON, MASS.	- - - - -	CLARENCE H. BLACKALL, ARCHITECT
WENTWORTH INSTITUTE, BOSTON, MASS.	- - - - -	PEABODY & STEARNS, ARCHITECTS
BIGELOW-KENNARD BUILDING, BOSTON, MASS.	- - - - -	HENRY IVES COBB, ARCHITECT
HARDING SWIMMING POOL AND SQUASH COURT, DEDHAM, MASS.	- - - - -	GUY LOWELL, ARCHITECT

OUR ENGINEERING SERVICE


Power Engineering

Illuminating Engineering

Industrial Fuel Engineering

Hotel and Restaurant Fuel Engineering

Heating Engineering, Etc.



We gladly offer the services of our Engineers and Experts in the broad field of Gas Usefulness.

Without any obligation on your part, they stand ready to furnish advice and information or to plan installations embodying the many advantages of Gas Service---Efficiency---Rapidity---Economy---Reliability---Accuracy---Cleanliness---Convenience, etc.

Let the Commercial Department know your needs---a Representative will gladly call on request.

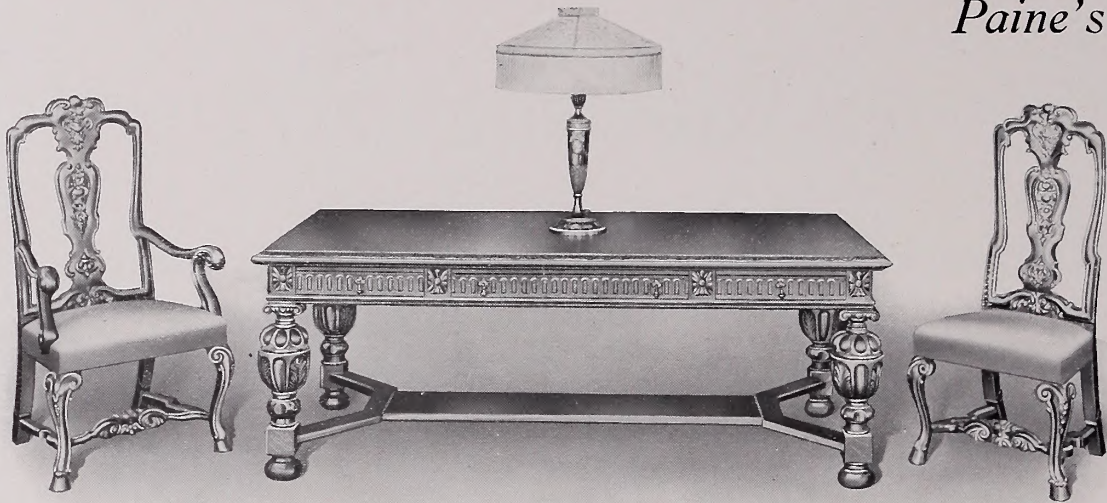


**BOSTON CONSOLIDATED GAS
COMPANY**

16-24 WEST STREET

TELEPHONE OXFORD 1690

Paine's



PERIOD AND COLONIAL FURNITURE

Ready for immediate delivery

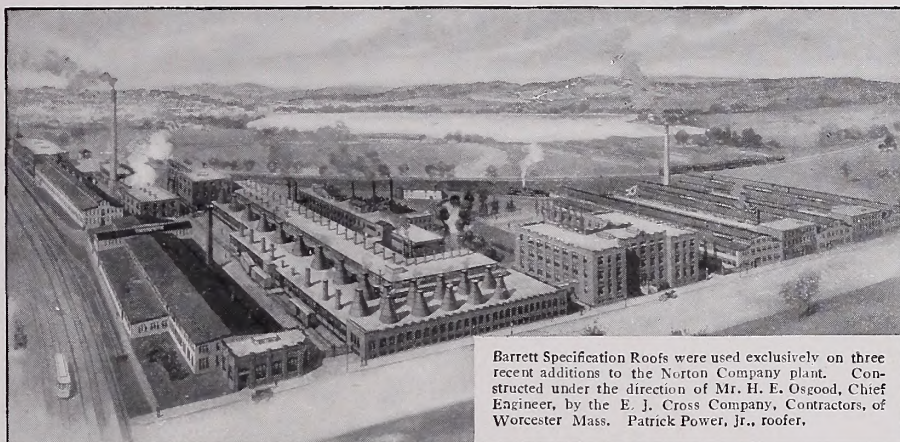
Oriental and American Rugs
Draperies, Wall Papers

ESTIMATES SUBMITTED

PAINE FURNITURE COMPANY

Arlington Street and St. James Avenue
BOSTON

TELEPHONE OXFORD 5500



Barrett Specification Roofs were used exclusively on three recent additions to the Norton Company plant. Constructed under the direction of Mr. H. E. Osgood, Chief Engineer, by the E. J. Cross Company, Contractors, of Worcester, Mass. Patrick Power, Jr., roofer.

Barrett Specification Roofs

Barrett Specification Roofs are so generally used on great manufacturing plants that specifying this type may truthfully be described as "standard practice" among first-class architects and engineers.

Here, for example, is illustrated the eleven-acre plant of the Norton Company, at Worcester, Mass. Some of these buildings are very old, but they are all covered with felt and pitch roofs laid along the lines of The Barrett Specification.

Such roofs will usually last twenty years without maintenance cost of any kind. Sometimes they last up to thirty years.

They invariably show a lower unit-cost (that is, cost per foot per year of service) than any other roof covering known.

Barrett Specification Roofs also take the base rate of fire insurance, because they are recognized as non-inflammable.

A copy of The Barrett Specification, with roofing diagrams, free on request.

Special Note

We advise incorporating in plans the full wording of The Barrett Specification, in order to avoid any misunderstanding.

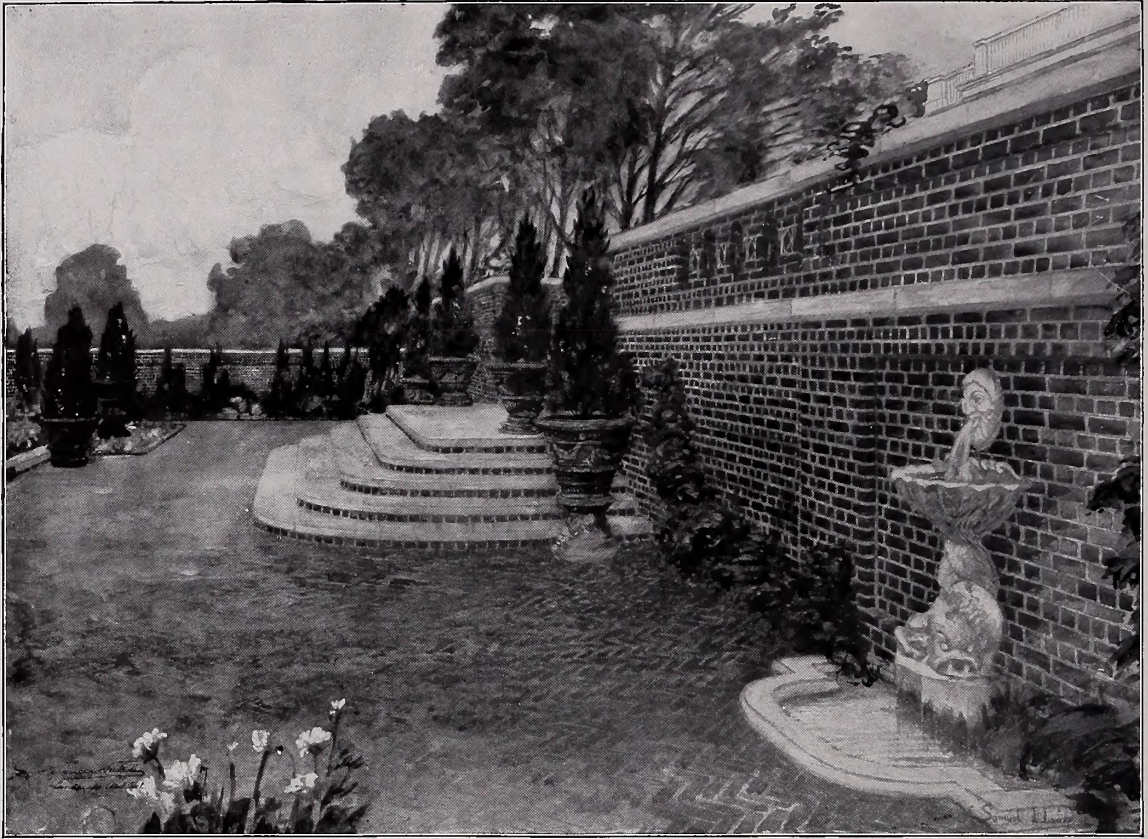
If any abbreviated form is desired, however, the following is suggested:

ROOFING—Shall be a Barrett Specification Roof laid as directed in printed Specification, revised August 15, 1911, using the materials specified and subject to the inspection requirement.

BARRETT MANUFACTURING COMPANY

New York	Chicago	Philadelphia	Boston	St. Louis	Cleveland	Pittsburgh
	Cincinnati	Kansas City	Minneapolis	Seattle	Birmingham	
THE PATERSON MFG. CO., Limited:			Montreal	Toronto	Winnipeg	Vancouver
	St. John, N. B.		Halifax, N. S.	Sydney, N. S.		





"TAPESTRY" BRICKWORK IN THE GARDEN OF
MR. DUDLEY OLCOTT, MORRISTOWN, N. J.

FERRUCIO VITALE
LANDSCAPE ARCHITECT, N. Y.

"Tapestry" Brickwork is coming into very general use by the best Landscape Architects.

Nothing adds more to the dignity and restfulness of a garden than a substantial brick wall.

"Tapestry" Brickwork is particularly pleasing for such work because its colors blend with those of the flowers, the grass, the trees and the blue sky.

As rustic effects are appropriate and desirable, we make a grade of brick particularly suited to such work. It is known as "Garden Wall Tapestry Brick." It is sold at a lower price than our regular "Tapestry" Brick and costs little more than ordinary brick while the extra satisfaction it gives cannot be measured in money.

25 ARCH STREET
BOSTON

FISKE & COMPANY INC
FACE BRICKS) ESTABLISH
IRE BRICKS) ED IN 1864

ARENA BUILDING
NEW YORK



HOUSE OF MRS. LEVI Z. LEITER
BEVERLY FARMS, MASS.

PARKER, THOMAS & RICE
ARCHITECTS

Prominent in the "North Shore Colony" is a beautiful "Tapestry" Brick house, the front view of which is shown in the above picture.

The brick in this house is our standard size, full range, "Red Tapestry Group" laid with a one-half inch gray mortar joint, rough cut flush with the face of the brick. The brick is laid in Flemish Bond, with headers of random color. Viewed from a distance, the color scheme is soft and dignified and in keeping with the character of the house, yet there is a beautiful play of color upon closer examination. Two interesting panels appear in the picture.

It is such use of "Tapestry" Brick that has made it

The Aristocrat of Building Materials

FISKE & COMPANY INC
FACE BRICKS ESTABLISH
IRE BRICKS ED IN 1864

PROPRIETORS AND SOLE MANUFACTURERS OF "TAPESTRY" BRICK

Promoters and Designers of Artistic Brickwork

Manufacturers and Dealers in all kinds of High Grade Face Brick for over 30 years

25 ARCH STREET, BOSTON, MASS.

ARENA BUILDING, NEW YORK

NEW HOME OF THE BOSTON CITY CLUB



BOSTON CITY CLUB

Painted and Decorated by

ALBERT D. HOWLETT CO.

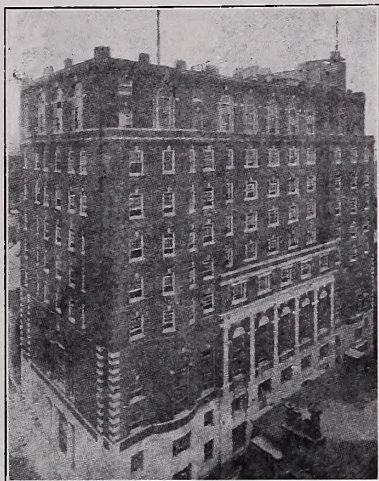
PAINTERS, DECORATORS AND
HARDWOOD FINISHERS

40 STATE STREET
BOSTON, MASS.

The Whitney Company, Contractors

Newhall & Blevins, Architects

Samson Spot Sash Cord



BOSTON CITY CLUB
Newhall & Blevins, Architects
*Samson Spot Cord was used for hanging
the windows*



Can be distinguished at a glance by the Colored Spots, which are a trade mark used only with this quality.

Spot Cord is made of extra quality fine cotton yarn, is carefully inspected, and is guaranteed free from flaws. It has been proved by both tests and long experience to be many times more durable and economical than ordinary roughly braided cord.

Samples and information as to proper sizes to specify for different size windows gladly sent.

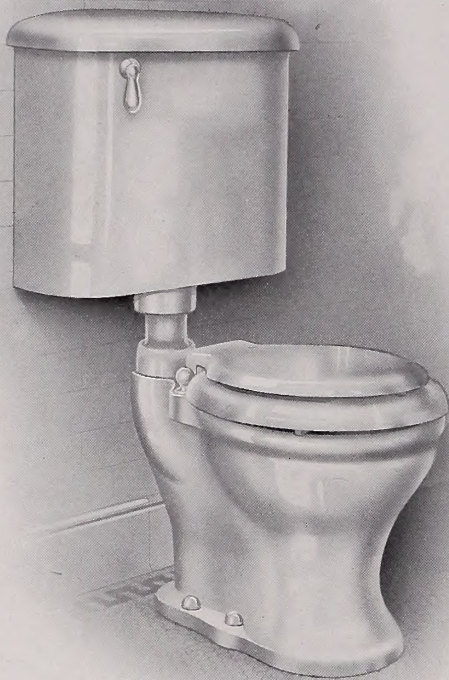
Samson Cordage Works, Boston, Mass.

JOHN EVANS & CO.

MODELLING AND CARVING IN WOOD AND STONE

ALTARS, REREDOSSES, FONTS, TABLETS AND MONUMENTS

77 HUNTINGTON AVENUE
BOSTON, MASS.



THE UTMOST IN CLOSETS

Dececo Permanent All White
Noiseless

Siphon Closets

The cleanest, most beautiful and the only permanent closet fixture made. The only one with all exposed metal entirely eliminated. China cased flush pipe, concealed back supply and concealed seat hinges. Real All White fixtures that will last indefinitely.

The Dececo Company
155-159 High Street
Boston

The New City Club building is equipped throughout with Dececo Permanent All White Closets, Dececo Baths, Showers, Lavatories, Urinals, etc.

TELEPHONE, 293 OXFORD
ESTABLISHED 1848

G. J. MORIARTY

SUCCESSOR TO B. F. DUDLEY

Manufacturer of High - Grade

COPPER BOILERS

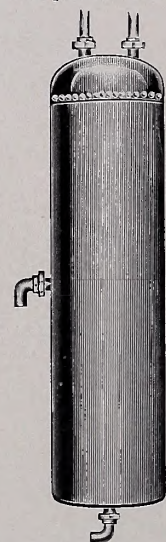
WE CARRY ALL SIZES IN STOCK
OR WILL MAKE TO ORDER

28 HARVARD STREET

BOSTON, MASS.

Our Name on all Our Goods Your Guarantee

High Pressure—
200 pounds Test





Headquarters for All Kinds of

STRUCTURAL GLASS

ALSO PAINTS, VARNISHES
AND BRUSHES

IMPORTERS OF SHELLAC GUMS
MANUFACTURERS OF SPIRIT VARNISHES

AT

Pittsburgh Plate Glass Company

Corner of Portland, Market and Merrimac Streets
Boston, Mass.



Residence of L. D. Towle, Newton, Mass.
Chapman & Fraser, Architects

WM. I. BROWN

THOMAS JACKSON

DAVENPORT-BROWN COMPANY

EXTERIOR

INTERIOR

ARCHITECTURAL WOODWORK

FOR FINE RESIDENCES

MEMBER MASTER BUILDERS' ASSOCIATION

SHOPS AT SOMERVILLE

SOME RECENTLY COMPLETED WORK

OWNER	LOCATION
Mrs. J. Edward Brooks	Milton, Mass.
George C. Wales, Architect	
Chatham Bars Inn	Chatham, Mass.
Henry Bailey Alden, Architect	
W. Rodman & S. Prescott Fay	Dover, Mass.
Little & Browne, Architects	
Franklin Square House	Boston, Mass.
G. Henri Desmond, Architect	
Wm. F. Garcelon	Newton, Mass.
Putnam & Cox, Architects	
Miss Grace Nichols	Boston, Mass.
William Chester Chase, Architect	
H. C. Walker	Waban, Mass.
Addison B. LeBourillier, Architect	
Edward H. Winslow	Beverly, Mass.
Henry Bailey Alden, Architect	
Mrs. Wm. M. Wood	Prides, Mass.
Putnam & Cox, Architects	

Standard Varnish Works' Standardized Products

THEY are the only brands that give entire satisfaction, whenever and wherever they are used. For fifty years we have been successful makers of High Grade Varnishes, Stains and Enamels, and our products have withstood the severest tests applied to them.

ELASTICA FLOOR FINISH, a varnish made especially for floors, made to meet and resist all the conditions to which floors are subjected.

SATINETTE WHITE ENAMEL, a most pleasing, satisfactory and sanitary finish. Can be recommended because of its beautiful appearance and enduring qualities.

KLEARTONE STAINS, made in every desired color for every known wood. They are demanded by those who insist on unquestioned and permanent beauty of effect through the use of the highest grade materials.

STANDARD VARNISH WORKS

NEW YORK
BRUSSELS

CHICAGO
PARIS

SAN FRANCISCO
GOTHENBURG

LONDON
VIENNA

BERLIN
MELBOURNE

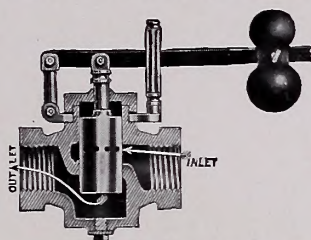
INTERNATIONAL VARNISH CO., LIMITED, TORONTO, CANADA

WATSON REDUCING VALVE

With Lever and Weight

For steam heating or other places requiring low, steady pressure

This valve is adapted for places carrying a boiler pressure of 200 lbs. or less, and will reduce to any pressure from 1 to 25 or 30 lbs. on low pressure side.



FOR STEAM ONLY

This valve is metal throughout all its parts; nothing complicated. It will outlast any other reducing valve made.

NO PACKING IS USED ANYWHERE

The only inside and movable part of this valve is the piston: this can be taken out to clean without breaking any pipe joints, and it does not require a skilled mechanic to perform this operation. There are more of these valves in use than any other form.

OUR STEAM TRAPS

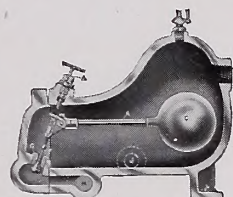
Have large outlet valves, not likely to be flooded from sudden flushes of water, and they do not blow steam. They are a credit to the architect and appreciated by the engineer. We also manufacture Reducing Valves for all purposes, Separators for High Pressure Steam. Exhaust Head, Relief Valves, Ejectors and Suction Tees.

WATSON & McDANIEL CO.

146 NORTH SEVENTH STREET
PHILADELPHIA, PA.

Established 1878

Send for Catalogue



McDANIEL
IMPROVED STEAM
TRAP

E. Van Noorden, Pres. Wm. G. Kiefer, Vice Pres. E. Birnbaum, Treas. Carl L. Mittell, Secy. and Asst. Treas.

E. VAN NOORDEN & COMPANY

ESTABLISHED 1873

SKYLIGHTS VENTILATORS METAL WINDOWS KALAMEIN WORK
ARCHITECTURAL COPPER WORK GENERAL SHEET METAL WORK, ETC.

Van Noorden Windows are Approved and Labelled by National Board of Fire Underwriters

100 MAGAZINE STREET, BOSTON, MASS.

Telephones Roxbury 3040, 3041 and 3042

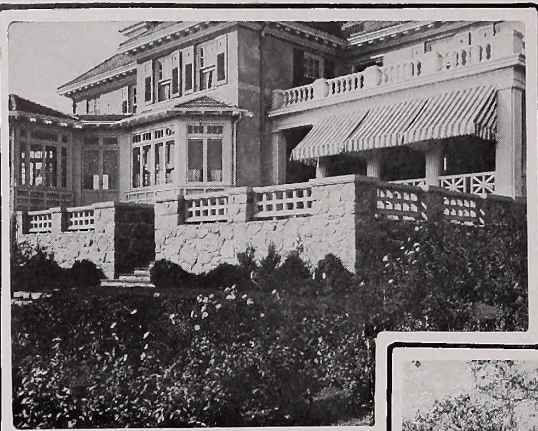
THE MOSLER SAFE COMPANY

MANUFACTURERS

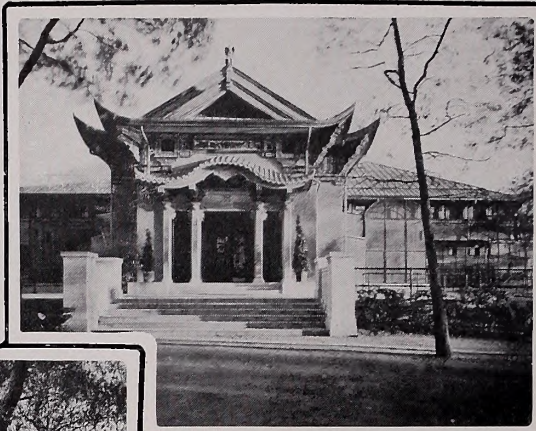
BANK SAFES AND VAULTS
SAFE DEPOSIT VAULTS
OFFICE AND HOUSE SAFES

51 SUDBURY STREET, BOSTON

GEORGE E. FOSTER, New England Manager



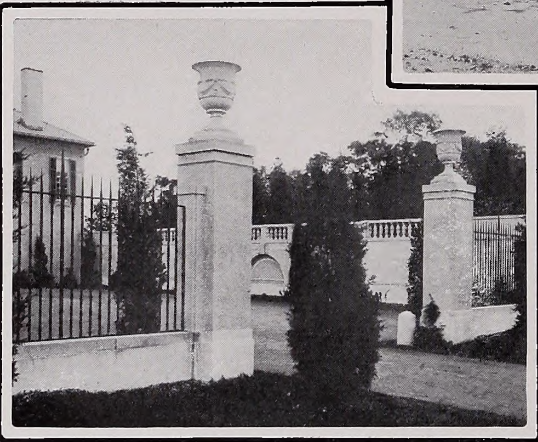
F. N. KIMBALL RESIDENCE
SWAMPSCOTT
Jas. H. Ritchie, Architect



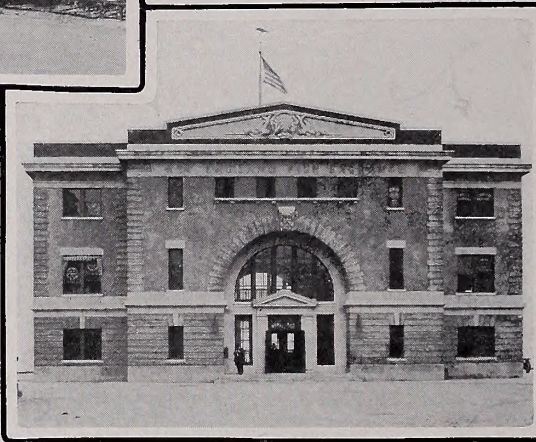
BIRD HOUSE, FRANKLIN PARK
Wm. D. Austin, Architect



GATE POSTS
ESTATE OF S. VORENBERG
Berry & Davidson, Architects

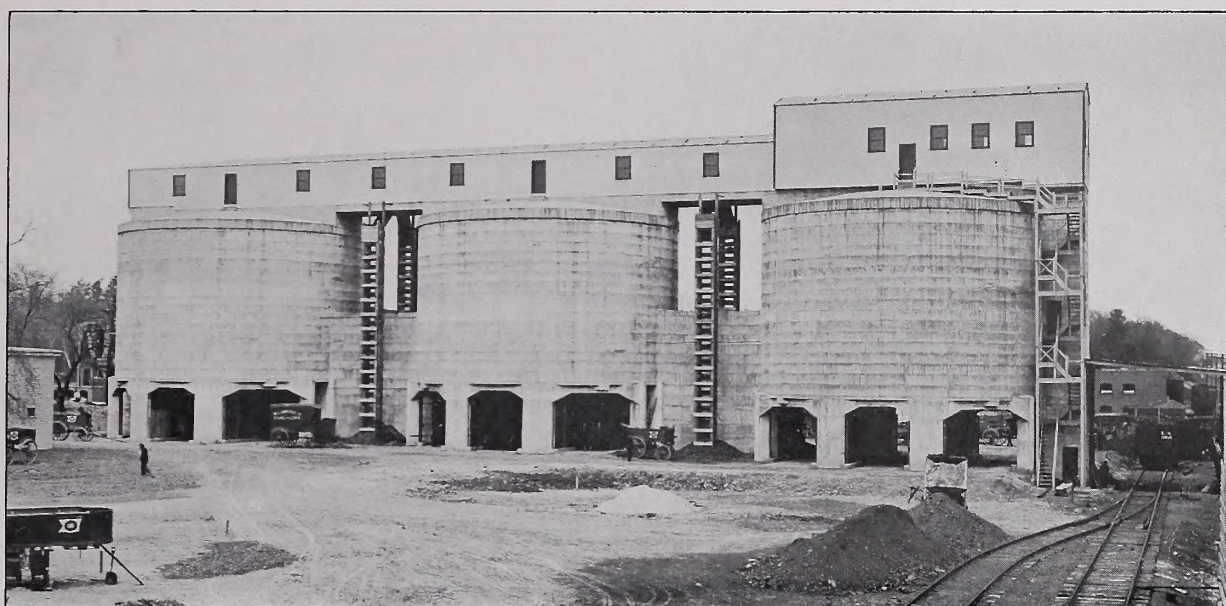


WILLIAM PHILLIPS, RESIDENCE, NORTH BEVERLY
Bigelow & Wadsworth, Architects



ADMINISTRATION BLDG., BOSTON FISH PIER
Henry F. Keyes, Architect

THESE PHOTOGRAPHS SHOW SOME OF THE USES OF
S I M B R O C O
CONCRETE STONE MANUFACTURED BY
SIMPSON BROTHERS CORPORATION
166 Devonshire Street, Boston, Massachusetts



REINFORCED CONCRETE CIRCULAR COAL POCKET—CAPACITY 6000 TONS
BUILT FOR
M. S. CONVERSE CO., SPRINGFIELD, MASS.

SIMPSON BROS. CORPORATION

ENGINEERS AND CONTRACTORS
FOR

Reinforced Concrete Construction



NEUCHATEL ROCK ASPHALT FLOORS AND PAVEMENTS
HASSAM COMPRESSED CONCRETE STREET PAVEMENT
GRANOLITHIC FLOORS, SIDEWALKS, CURBING STEPS, Etc.



OFFICE, 166 DEVONSHIRE STREET, BOSTON



Architect, Henry Bailey Alden, Boston

Conservatory Building

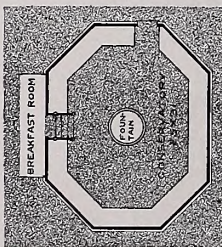
THE building of conservatories and greenhouses for private purposes is a business by itself.

Its successful handling must be based on long experience and exact knowledge.

It is not a carpenter's job.

It is not a contractor's job.

It is not a commercial, greenhouse-builder's job.



It is work for a firm such as ours, who have been building the finest of glass structures for half a century or more.

Much of our work has been handled in co-operation with the architect.

So satisfactory has this character of work been, both to client and architect, that we are seeking more of it.

Let us co-operate with you.
Send for catalog.

Lord & Burnham Co.

SALES OFFICES

New York—42nd St. Bldg. Boston—Tremont Bldg. Philadelphia—Franklin Bank Bldg. Chicago—Rookery Bldg.
Rochester—Granite Bldg. Cleveland—Sweetland Bldg. Toronto—12 Queen Street, East

FACTORIES—Irvington, N. Y., Des Plaines, Ill.



*Finished with Cabot's Old Virginia White
Hays & Hoadley, Architects, N. Y.*

CABOT'S CREOSOTE SHINGLE STAINS

The Standard Exterior Stains for Shingles, Siding or Trimmings

The first shingle stains ever made, and the quality guaranteed by thirty years' use all over the world. Made of the strongest and finest pigments, ground in pure linseed oil, and Creosote, "the best wood preservative known." No cheapeners, no adulterants, **no kerosene or benzine.**

CABOT'S "QUILT"

COLD-PROOF

HEAT-PROOF

SOUND-PROOF

The warmest lining One layer is warmer than 40 layers of common building paper. Saves its cost many times over in reduced fuel bills. The most perfect sound-deadener, because it breaks up and absorbs the sound-waves. Scientific, sanitary and unflammable.

Cabot's Waterproof Cement Stains

For waterproofing and artistically tinting stucco and similar cement surfaces.

Cabot's Waterproof Brick Stains

For freshening and restoring old, faded and discolored bricks, and waterproofing all bricks.

Cabot's Conservo Wood Preservative

For preserving posts, sills, planking and all lumber that is exposed to decay.

Cabot's Old Virginia White

A soft, clean white, as brilliant as whitewash and as durable as paint.

Cabot's Damp-proofing

For direct plastering on brick or concrete without studding or lathing. Forms a perfect, permanent and impervious bond.

Cabot's Protective Paint

For protecting structural iron and steel from rust, corrosion and electrolysis.

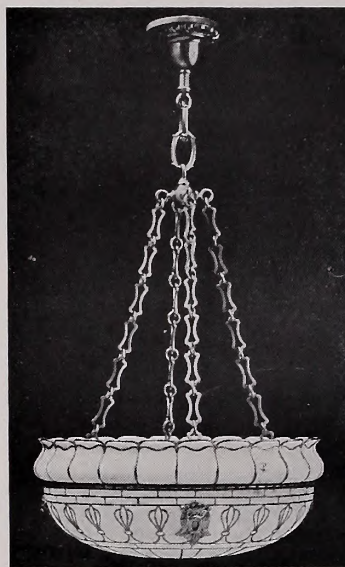
Cabot's Mortar Colors

Paste colors of great strength and durability for reliable mortar staining.

Samuel Cabot, Inc., Manufacturing Chemists
New York Boston, Mass. Chicago

OLD COLONIAL
DESIGNS *of*
LIGHTING
FIXTURES

never lose their charm. Our designs retain the essential idea, the soft glow light, together with the prismatic ray of the old-time candle and lamp, made for electricity and gas. An assortment so varied as to meet all requirements of decorations.



SHOWROOMS, 181 FRANKLIN STREET
CORNER CONGRESS STREET, BOSTON



McKenney & Waterbury Co.

*MANUFACTURERS OF ELECTRIC AND
GAS LIGHTING FIXTURES, BOSTON*



A Delicately Modeled Design

is easily possible in Atlantic Terra Cotta. We have always realized the perfectly obvious fact that the possibilities of Terra Cotta are useless without men to develop them, and we have the men.

It is not necessary for the Architect to supply expensive plaster models or even carefully worked-out detail drawings; he only needs to tell us what he wants.

Then, if our modeling is not satisfactory we do it again; that's the chance we take, but it has been a pretty safe chance for nearly forty years.

St. Joseph's Hospital, Far Rockaway, Long Island; Lehman & O'Kane, Architects; P. J. Brennan & Sons, Builders; Cream matt glazed Atlantic Terra Cotta.

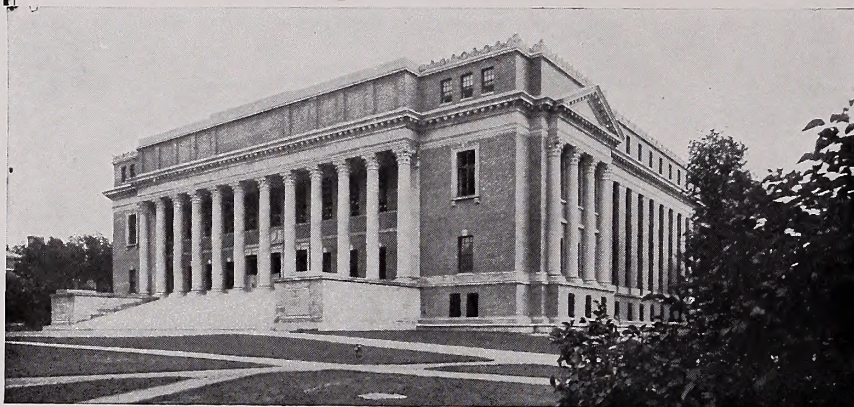
Atlantic Terra Cotta Company
1170 Broadway, New York

*Represented in Boston
R. E. Bell
201 Devonshire Street*

Webster

Heating Systems Guarantee Comfort in Boston's Finest Buildings

The new **Widener Memorial Library** at Harvard has been added to a list which includes well over one hundred prominent names, such as the new Scollay Building, the Boston Y. M. C. A., the Copley-Plaza and the Touraine, the Stearns Store, and dozens of the leading hospitals and public buildings, office and apartment buildings, stores, hotels and residences.



Over 7000 Installations---
Heating Systems,
Air Washers,
Feed Water Heaters, etc.

Ask for interesting booklets
describing *Webster Systems*.

Warren Webster & Co.
Camden. N. J.

Established 1888
Offices in all Principal Cities
N. E. Mgr. William G. Snow
24 Milk St., Boston

26-144

WILLIAM E. MUIR
President

GEORGE MUIR
Treasurer

MUIR BROTHERS COMPANY

PLASTERERS

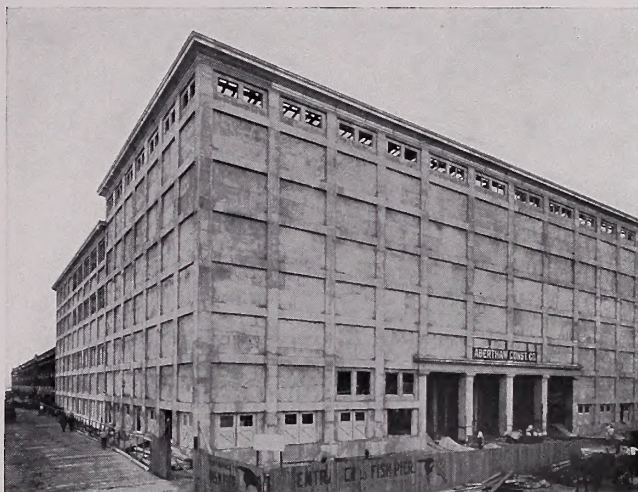
ESTABLISHED 1889

INCORPORATED 1912

201 DEVONSHIRE STREET, BOSTON, MASS.

TELEPHONE, FORT HILL 1344

Members of Master Builders' Association



THE REFRIGERATING BUILDING on the new Commonwealth Pier No. 6.

This impressive part of Boston's \$9,000,000 Port Development Project is fast approaching completion.

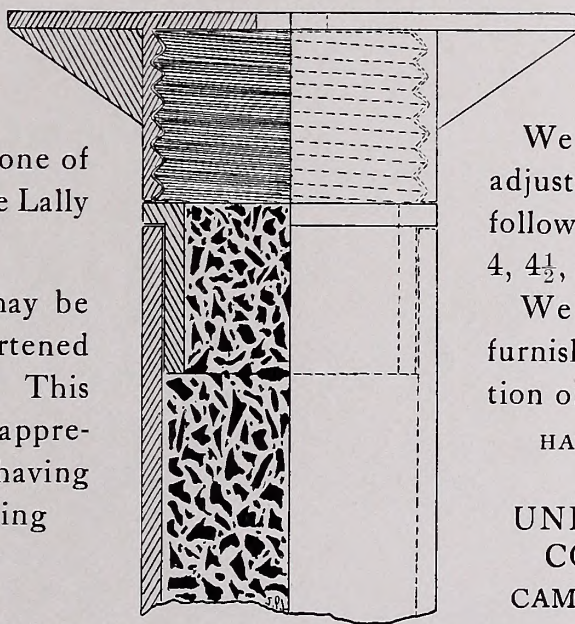
ABERTHAW CONSTRUCTION COMPANY
CONCRETE ENGINEERS AND CONTRACTORS
 8 BEACON STREET BOSTON

(6-19)

LALLY PATENT COLUMNS

This cut shows one of our new adjustable Lally Patent Columns.

The Column may be lengthened or shortened while set in place. This advantage will be appreciated by anyone having experience setting columns



We manufacture these adjustable columns in the following diameters only 4, 4½, and 5 inches.

We will be glad to furnish detailed information on request.

HAVE YOU OUR 1914
 CATALOGUE

**UNITED STATES
 COLUMN CO.**
 CAMBRIDGE, MASS.

BOSTON

NEW YORK

PHILADELPHIA

CHICAGO

AMERICAN TUBE WORKS

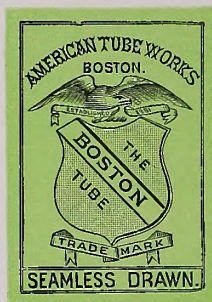
10 OLIVER STREET

BOSTON, MASS.

ESTABLISHED 1851

Original and Largest Manufacturers
in America

SEAMLESS
BRASS PIPE
FOR
PLUMBING



Guaranteed for HOT or COLD
Water. Each and every length
of our pipe is stamped
"A. T. W. BOSTON"
on each end and bears our
Green Trade Mark

WHEN SPECIFYING THIS PIPE PLEASE CALL FOR

"American Tube Works Brass Pipe"

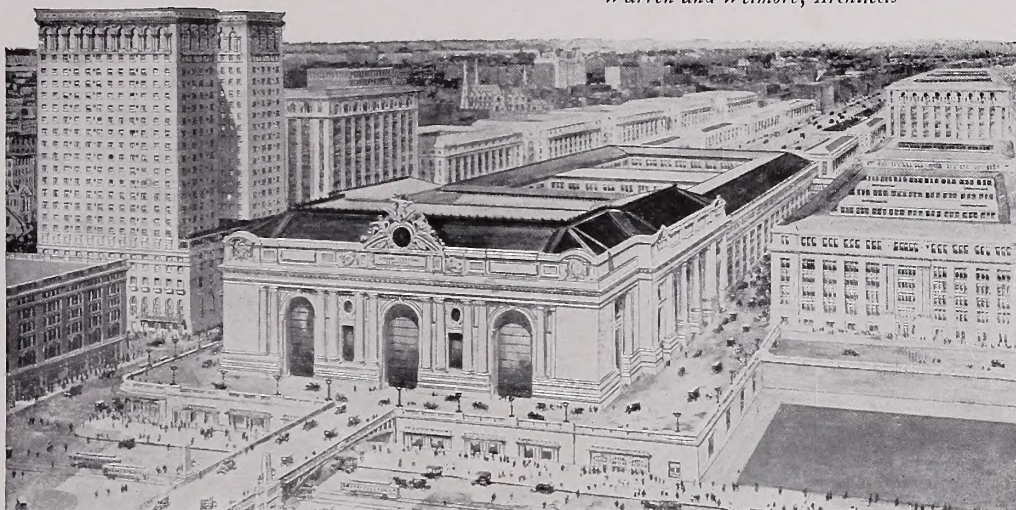
We shall be pleased to furnish Architects upon application a complete set of our Architects' Samples of Seamless
Brass Pipe, Standard Iron Pipe Sizes, with weight per foot stamped on each piece,
and threaded with Standard Thread.

Wm. H. Mitchell and Son Co.
Plumbers.

1 Province Court,

Boston, Mass.

Warren and Wetmore, Architects



THE HOTEL BILTMORE AND THE GRAND CENTRAL STATION, NEW YORK CITY
ARE EQUIPPED THROUGHOUT WITH

MOTT'S PLUMBING FIXTURES

THE J. L. MOTT IRON WORKS MAIN OFFICES 120 FIFTH AVENUE, N. Y.
BOSTON BRANCH, 41-47 PEARL STREET

Every JENKINS BROS. VALVE



has this Diamond Trade Mark. Look for it on all the Valves furnished under your specifications. It stands for valve *service*—for over forty years of experience in valve manufacture—for a reputation built upon a quality product—for valves proved to be superior by the great number of imitations offered.

In bungalow or sky-scraper—in homes, business buildings or industrial plants—for water supply, fire protection or heating—every valve requirement can be met with some Jenkins Bros. Valve.

The quality is uniform throughout—the very highest. To be absolutely sure, incorporate the following in your specifications: "All Valves to be Jenkins Bros., with Diamond Trade Mark."

JENKINS BROS.

524 Atlantic Avenue, Boston
133 N. 7th Street, Philadelphia

80 White Street, New York
300 West Lake Street, Chicago

Jenkins Bros., Limited, Montreal, Canada, and London, E. C., England

Impartial and Invaluable Assistance *always at the command of Architects*

There is no ironclad rule governing elevator specifications.

Each building demands special study if the elevators are to supply the service they should.

Don't trouble yourself with these elevator problems.

Put that burden on our shoulders.

We are always willing to help, without charge.

We can help. We haven't been in the elevator industry for over fifty-seven years without meeting all sorts of conditions and learning how to determine always the right type of elevator to install.

And our branches in all cities bring the assistance of our experience to your door.

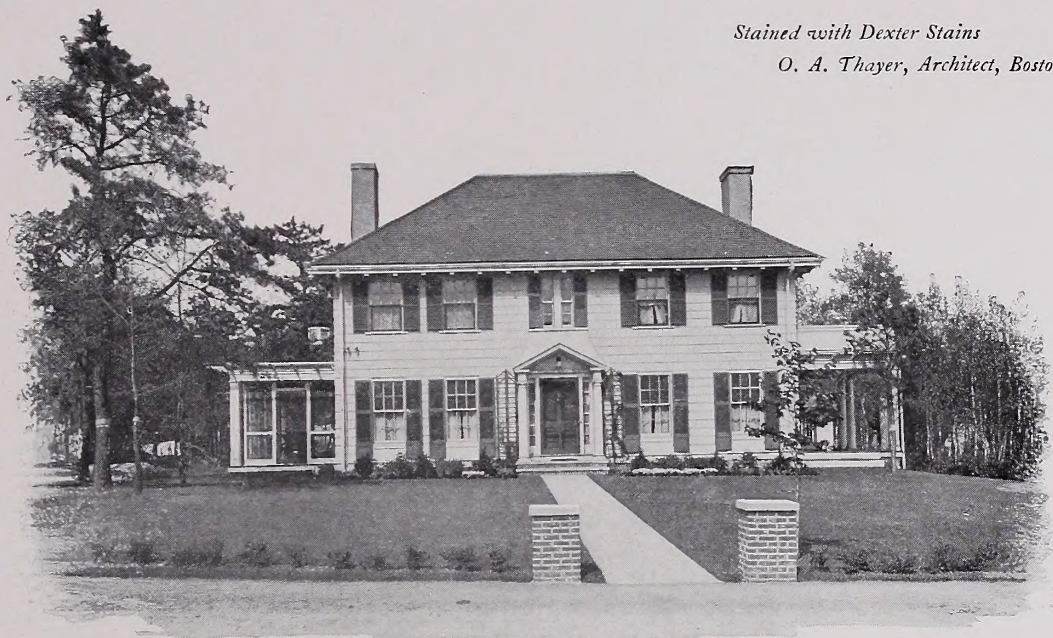
*When writing elevator specifications remember the
OTIS ELEVATOR OFFICE in Your City*

Otis Elevator Company

34-35 INDIA STREET

BOSTON, MASS.

Offices in All Principal Cities of the World



Stained with Dexter Stains
O. A. Thayer, Architect, Boston

Harmonize perfectly with natural surroundings

It is easy to select from the many soft, rich artistic colors of Dexter Stains just the shades that are required to produce perfect harmony in the color scheme, and secure a homelike, natural effect.

Dexter ENGLISH SHINGLE **Stains** BROTHERS

Preserve and beautify the wood, bringing out the full effect of the grain and retaining the natural surface. Only best English ground pigments are used—the colors cannot fade.

Whether the house you have in mind is to be shingled, half-timbered or clapboarded you should investigate at once the unusual merits of Dexter Stains.

Let us send you Booklet A and twenty-two stained miniature shingles.

Dexter Brothers **PETRIFAX** Cement Coating

A waterproof coating for cement, stucco, brick and plaster. Becomes a part of surface to which it is applied. Gives uniform color and prevents hair cracks. Not affected by the alkali in cement. May be tinted to match any shade.

Ask for Booklet B and color card.

DEXTROLITE The White Enamel Which Does Not Turn Yellow

Because of your unsatisfactory experiences with white enamels you probably doubt the above statement. All we ask is the opportunity to prove our claims. Let us send you sample for testing.

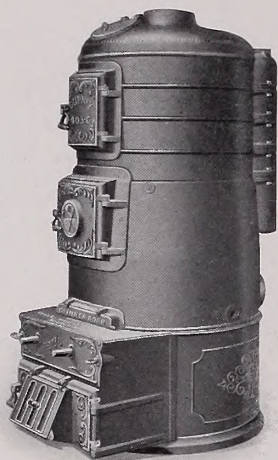
For outside or inside use. Will not crack, chip or peel off.

DEXTER BROTHERS CO., 103-107 Broad St., Boston

Established 1864

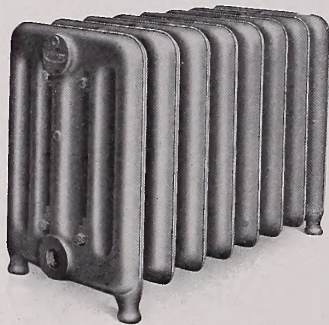


GURNEY HEATERS AND RADIATORS



Gurney "400 Series"
For Steam and Water

One of the many types which
have made Gurney Product
the standard of quality.



**Gurney 5-col. Window
Radiator**

18 $\frac{1}{4}$ in. high, 5 feet per sec.

One of the many types of Steam
and Water Radiators comprising
the Gurney Line.

embody every desirable feature
that can be incorporated in the
construction of cast iron boilers
and radiators.

¶ Fifty years of practical ex-
perience in the manufacture of
heating apparatus coupled with
the best of materials and ex-
ceptionally up-to-date foundry
facilities make this incorpora-
tion possible.

¶ When you buy GURNEY prod-
uct you are assured of the
most advanced and reliable
constructions ever offered —
Boilers and radiators that
simply can't help making
good.

Our handy little pocket price-list con-
taining valuable heating information is
yours for the asking.

GURNEY HEATER MFG COMPANY
BOSTON, MASS.

SPIERS-FISK BRICK CO.

BRICK MANUFACTURERS

79 MILK STREET

BOSTON, MASS.

YARDS: GONIC, NEW HAMPSHIRE

W. A. SPIERS, Treasurer

FACE, COMMON, STIFF MUD AND HOLLOW BRICK, "HARVARD" BRICK OUR SPECIALTY

Telephone: Office, Main 4681; House, Cambridge 5079

A FEW BUILDINGS IN WHICH OUR BRICKS HAVE BEEN USED RECENTLY

FRICK HOUSE, Beverly, Mass. Little & Brown, Architects

LOCKE SCHOOL, Arlington Heights. Gay & Proctor, Architects

ANIMAL HOSPITAL, Longwood Ave., Boston. Putnam & Cox, Architects

FAULKNER HOSPITAL, Jamaica Plain. Kendall, Taylor & Stevens, Architects

DEACONESS HOSPITAL, Bellevue Street, Brookline. Kendall, Taylor & Stevens, Architects

Y. M. C. A., Somerville. Brainard & Leeds, Architects

ACADEMY, Hanover, N. H.

JOHN BOYLE O'REILLY SCHOOL, South Boston. Andrew, Jacques & Rantoul, Architects

CAMBRIDGE ARMORY, Cambridge. Hartwell, Richardson & Driver, Architects

RADCLIFFE COLLEGE DORMITORIES. Kilham & Hopkins, Architects

DORMITORIES, Andover, Mass. Guy Lowell, Architect

ARTS & SCIENCE BUILDING, Newbury Street, Boston. Page & Frothingham, Architects

FRANKLIN SQUARE HOUSE, Washington and West Newton Streets, Boston. G. Henri Desmond, Architect



Grueby Floors and Ceiling, installed by Tyler-Wires Company

TYLER-WIRES COMPANY

120 BOYLSTON ST. · BOSTON



CONTRACTORS FOR TILING AND FIREPLACES

GRUEBY-MERCER-ROOKWOOD TILE
THE · RIPLEY · FIREPLACE · DAMPER
TOCH BROTHERS R. I. W. PAINTS

LEVERING & GARRIGUES CO.

DESIGNERS, FABRICATORS AND ERECTORS OF
STEEL BUILDINGS AND BRIDGES

OF ALL CLASSES

MAIN OFFICE
NEW YORK, N. Y.
552 W. 23RD STREET

WORKS
NEW MARKET,
N. J.

NEW ENGLAND OFFICE
HARTFORD, CONN.
CONN. MUTUAL BLDG.



A mark of distinction, symbolizing permanent satisfaction and reliability in a brand of Portland Cement that has ever kept pace with the demand for the best of its kind.

Edison Portland Cement Co.

GENERAL OFFICE AND MILL
STEWARTSVILLE, N. J.

BOSTON OFFICE
79 MILK STREET

• ALBERT C. BRUFF,
DISTRICT MANAGER



RESIDENCE OF COMMODORE ARTHUR CURTIS JAMES
NEWPORT, R. I.
Howells and Stokes, Architects, New York



CAMBRIDGEPORT SAVINGS BANK
CAMBRIDGE, MASS.
C. H. Blackall, Architect, Boston

THE MERRILL COMPANY

19 PEARL STREET, BOSTON

CONTRACTORS FOR STEAM AND HOT WATER HEATING
AND STEAM PIPING FOR POWER STATIONS
VENTILATION OF SCHOOLS AND PUBLIC BUILDINGS

We issue an Illustrated Brochure showing scores of Public Buildings, magnificent Residences, Banks, etc.,
which we have equipped

JAMES I. WINGATE & SON

WALL PAPER DRAPERIES UPHOLSTERY STUFFS
FURNITURE CABINET WORK CARPETS AND RUGS

PAINTING AND DECORATING

400-402 BOYLSTON STREET
BOSTON

MITCHELL & SUTHERLAND
(INC.)

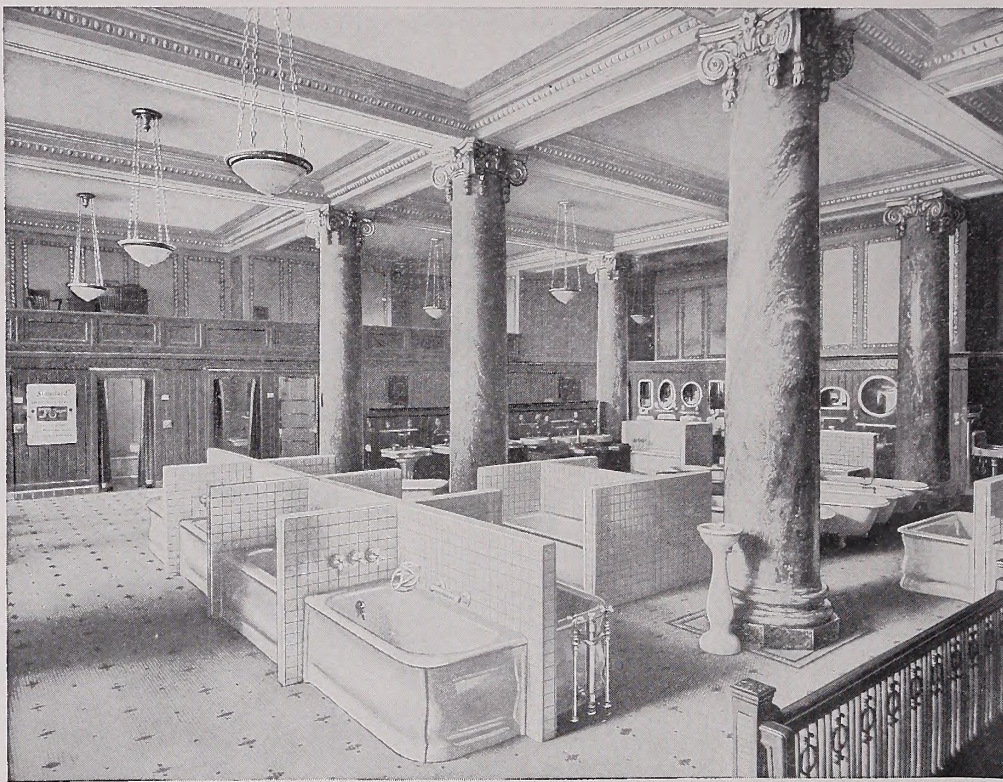
BUILDERS

166 DEVONSHIRE STREET
BOSTON



ARCHITECTURAL
HARDWARE
That stands for
PERMANENCY
BEAUTY *and* UTILITY
J.B. HUNTER & CO.
SIXTY SUMMER STREET.
BOSTON

A decorative frame with a central crest featuring a shield with the letter 'H' and wings. The frame is adorned with intricate scrollwork and floral patterns. The text is centered within the frame, with 'ARCHITECTURAL' and 'HARDWARE' in large, bold, serif capital letters. Below this, the phrase 'That stands for' is in a smaller, italicized serif font. This is followed by 'PERMANENCY' and 'BEAUTY and UTILITY' in a serif font. The company name 'J.B. HUNTER & CO.' is in large, bold, serif capital letters. Below the company name, the address 'SIXTY SUMMER STREET.' and 'BOSTON' are in a smaller, bold, serif font. The frame is completed by two vertical decorative elements on the sides, each featuring a small crest and a scroll.



Main Floor "Standard" Boston Showroom, 186-200 Devonshire Street.

THE "Standard" Boston Showroom is the sanitary show place of New England. Here a great display of modern plumbing fixtures can be seen under the most favorable conditions. An atmosphere of harmony and refinement prevails throughout.

The showroom consists of the main floor and a large basement display room. The main floor also contains the offices and a suite of completely equipped "Standard" Bathrooms.

This showroom should be seen to be fully appreciated, as the above picture gives but a faint idea of its beauty. Architects, Plumbers, and the Building Public are cordially invited to visit it and make use of the advantages it offers.

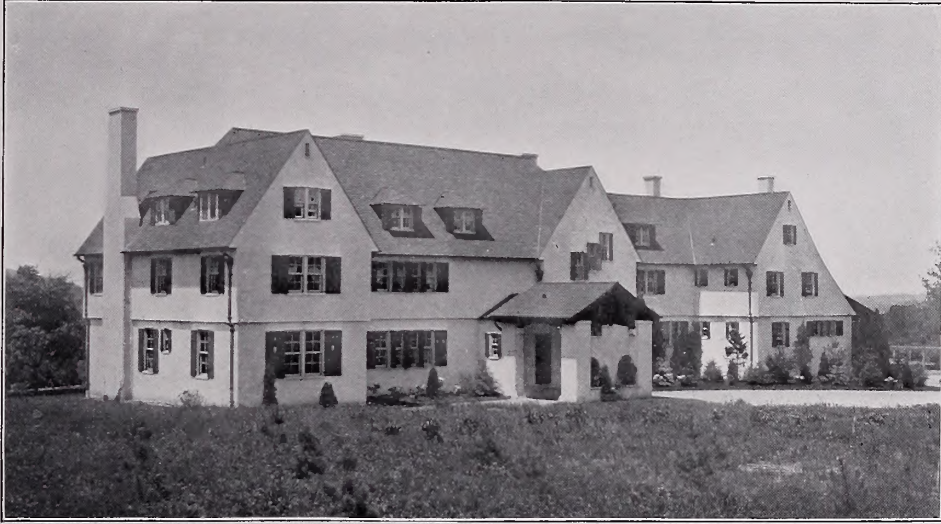
Standard Sanitary Mfg. Co.

General Offices, Pittsburgh, Pa.

Boston Showroom

186-200 Devonshire Street

JOHN HANCOCK BUILDING



HOUSE OF CORTLAND P. DIXON, RIDGEFIELD, CONN.

Butler & Rodman, Architects, New York City

W. DE F. BIGELOW

L. M. HARRIMAN

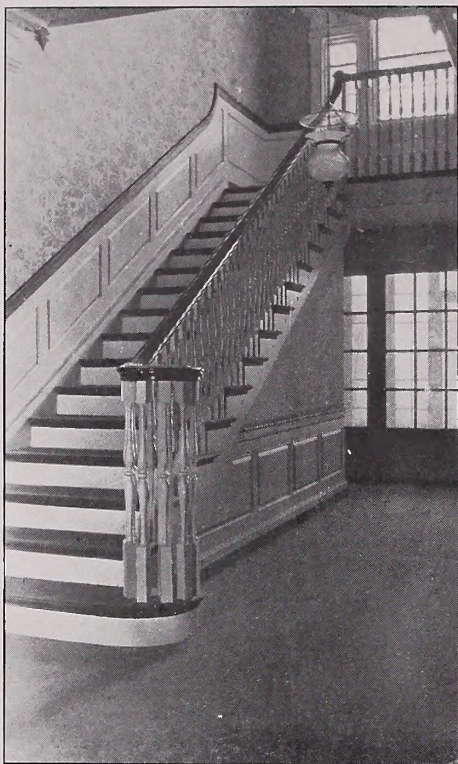
BIGELOW & HARRIMAN

BUILDERS

127 FEDERAL STREET, BOSTON

TELEPHONE 750 MAIN

WE MAKE A SPECIALTY OF GOOD
RESIDENTIAL WORK



An Attractive Stairway
Bigelow & Wadsworth, Architects

The *finish* makes the *home*

If the furniture is not satisfactory it can be changed but the finish **cannot** be changed.

High grade interior and exterior finish is our specialty.

ASK FOR OUR BOOKLET

"Cypress Lumber and Its Uses"

The A. T. STEARNS LUMBER COMPANY

OFFICES

Neponset, Boston, Mass.
1 Sudbury Street, Boston, Mass.
166 Devonshire Street, Boston, Mass.

PHONES

Dorchester 1040
Haymarket 578
Main 3164



UNION PASSENGER STATION, WORCESTER, MASS.
Watson & Huckel, Architects, Philadelphia, Pa.

EDWARD C. BECK

PAINTING
OF EVERY KIND

166 DEVONSHIRE STREET
BOSTON
ROOM 44

52 GURNEY STREET,
ROXBURY

MEMBER OF MASTER BUILDERS' ASSOCIATION

Telephone, Office Fort Hill 4056
" Shop Roxbury 149



IT is easy to understand why Dutch Boy red lead-in-oil met with instant favor. Not only is it a time, labor and material saver, on account of its paste form, but it forms a tough, non-cracking, adherent, insoluble film that effectively keeps moisture---the cause of rust---away from iron and steel.



For the sake of durability, as well as economy, it will pay you to investigate the

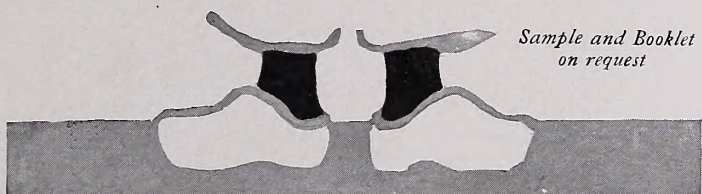
new red lead that keeps soft like white lead.

NATIONAL LEAD COMPANY

New York, Boston, Buffalo, Chicago, Cincinnati, Cleveland, St. Louis, San Francisco.

(John T. Lewis & Bros. Co., Phila.)

(National Lead & Oil Co., Pitts.)



*Sample and Booklet
on request*

ESTABLISHED 1864

CAPITAL \$1,000,000

WROUGHT IRON RANGE CO.

ST. LOUIS, MO.

MANUFACTURER OF
SPECIAL KITCHEN AND BAKERY EQUIPMENT FOR

HOTELS, HOSPITALS, RESTAURANTS AND PUBLIC INSTITUTIONS

HOME COMFORT RANGES
HOME COMFORT BROILERS
HOME COMFORT BAKE OVENS
HOME COMFORT COFFEE URNS
HOME COMFORT COOKS TABLES
HOME COMFORT DISH WASHING MACHINES
HOME COMFORT COOKING UTENSILS OF EVERY KIND

A FEW PROMINENT HOTELS AND INSTITUTIONS USING OUR GOODS

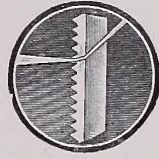
Palace Hotel, San Francisco, Cal.
St. Francis Hotel, San Francisco, Cal.
Hotel Utah, Salt Lake City, Utah
Albany Hotel, Denver, Colo.
Oxford Hotel, Denver, Colo.
Severin Hotel, Indianapolis, Ind.
Murphy Hotel, Richmond, Va.
Jefferson Hotel, Richmond, Va.
Youree Hotel, Shreveport, La.
Jefferson Hotel, St. Louis, Mo.
Adams Hotel, Phoenix, Ariz.

St. Elizabeth Hospital, Washington, D. C.
Gunter Hotel, San Antonio, Tex.
Chisca Hotel, Memphis, Tenn.
King Edward Hotel, Toronto, Can.
Boston City Club, Boston, Mass.
Los Angeles Ath. Club, Los Angeles, Cal.
Y. M. C. A., Louisville, Ky.
El Jebel Temple, Denver, Colo.
Culver Military Academy, Culver, Ind.
U. S. Military Academy, West Point, N. Y.
U. S. Penitentiary, Atlanta, Ga.

PLANS AND ESTIMATES CHEERFULLY SUBMITTED

Eastern Office, 201 DEVONSHIRE ST., BOSTON, MASS.

SEND FOR OUR COMPLETE "HOME COMFORT" CATALOGUE OF RANGES AND
CULINARY APPARATUS



Consultation with the Luxfer Company before the specifications are written will often result in suggestion for a more economical arrangement of sidewalk lights, than might appear possible in the architect's original study.

Sometimes the Luxfer Products are of no value in locations specified; not often though

WE ARE GLAD TO ADVISE

AMERICAN LUXFER PRISM COMPANY

BOSTON

NEW YORK

CHICAGO

D. F. DONOVAN

J. T. WISEMAN

D. F. DONOVAN & CO.

PLASTERERS

CEMENT PLASTERING A SPECIALTY

OFFICE

7 WATER STREET, BOSTON, MASS.

TELEPHONE, MAIN 447

Members of Master Builders' Association

TELEPHONES---²²¹⁰---COLUMBUS
2211

LIEBERMAN & SANFORD COMPANY

ORNAMENTAL IRON & BRONZE WORK

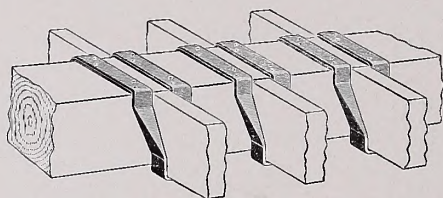
623-629 WEST 57TH STREET
NEW YORK

BUILDING
BOSTON CITY CLUB
SCOLLAY
PARK

ARCHITECTS
NEWHALL & BLEVINS
C. H. BLACKALL
CROSS & CROSS

CONTRACTORS
THE WHITNEY COMPANY
THE WHITNEY COMPANY
GEORGE A. FULLER COMPANY

How Will The Beams Be Held Where They Abut Their Supports?



LANE DOUBLE HANGERS

Will they be cut away by
Framing?

Will you depend merely
on Spiking?

Specify Lane's Steel Joist

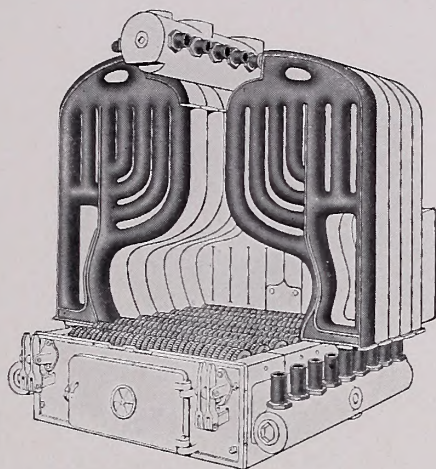
Hangers and the walls will never settle.

LANE'S JOIST HANGERS ARE EVERLASTING

LANE BROTHERS COMPANY

POUGHKEEPSIE, N. Y.

MAY WE SEND CATALOG AND DESK SAMPLE?



Pounds of Steam—or Grate Area?

You architects who specify steam and water boilers, do you decide the size by grate area—that vague measure of capacity—or by pounds of steam guaranteed at the radiator?

Deciding in terms of grate area may call for a large boiler because the fire surfaces may not be of highest efficiency. A smaller boiler, having a more effective form and arrangement of fire surfaces and a better ratio of heating surface to grate area,

should supply just as much steam or hot water and be less expensive.

When you specify size of grate you ignore quality of fire surface; when you specify boiler rating, you permit your client to take advantage of good design.

The above explains one reason for specifying

Mills Water Tube Boilers

They are rated in pounds of steam supplied to the radiators, and the water-tube fire surfaces give greatest capacity with given dimensions of grate.

Catalog No. 946 can be relied on.

The H. B. Smith Company

Manufacturers of Mills, Mercer, Menlo, "H. B." Cottage and Gold Boilers for Steam and Water Warming; Princess, Imperial, Sovereign, Aerial, Gold Pin and School Pin Radiators, "Breckenridge" Automatic Air Valves, etc.

WESTFIELD, MASS.

BOSTON
138 Washington St. North

NEW YORK
39 East Houston St.

PHILADELPHIA
1225 Arch St.

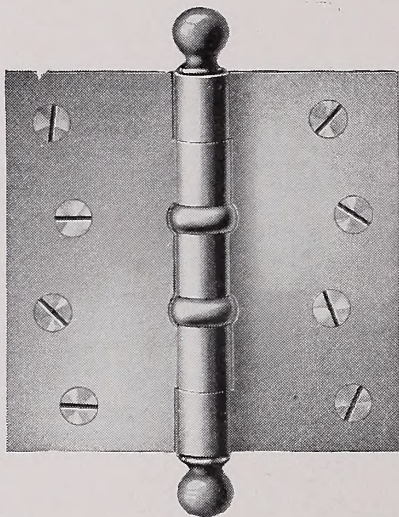
WORCESTER

NEW YORK

J. W. BISHOP CO.
BUILDERS

PROVIDENCE

BOSTON



Made in all finishes including the new "Stanley" Sheradized and Plated Finish, which will not rust and greatly prolongs the life of the hinge. See our catalog on pages 778-779-780-781 Sweets on Building Construction.

Stanley's Ball Bearing Hinges

SUCCESSFULLY solve the problem of hanging heavy doors by eliminating friction, thereby preventing cracking, binding and wearing down. These Butts can be furnished with holes drilled accurately to tem-plate for use on metal doors. The Non-rising pins of these Butts will not work out of the joint.—Write for full information.

THE GUARANTY



OF QUALITY

The Stanley Works

New York

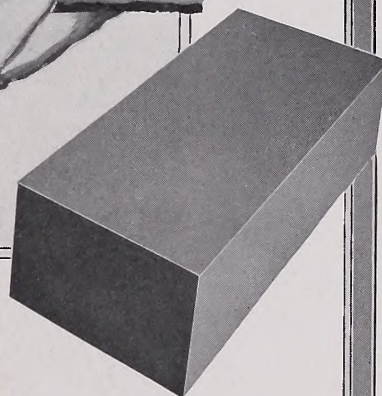
New Britain, Conn.

Chicago

"Bradford
REDS"



Residence of Mr. F.O. Whistler
Niagara Falls, N.Y.



"BRADFORD
PRESSED BRICK"

TRADE MARK
REGISTERED
U.S. PATENT OFFICE

A home like this invites the admiration of the whole town.

Architects specify "Bradford PRESSED Brick" for their own residences because of its rich, unchanging RED -- a color that is distinctive and pleasing.

"BRADFORD REDS", a smooth, fine textured facing brick, either dry pressed or wire-cut impervious. The dry-press in Standard and Roman sizes, with large stock of ornamentals.

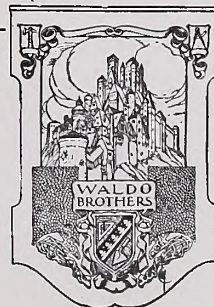
"Bradford Ruffs", a coarse textured brick for grills, walls and rustic effects.

Send for "RED" catalogue.

BRADFORD PRESSED BRICK CO.

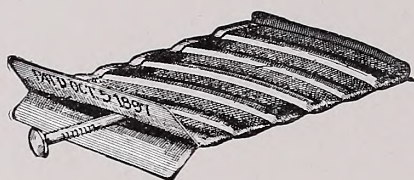
"The Red Brick People"

BRADFORD, PA.



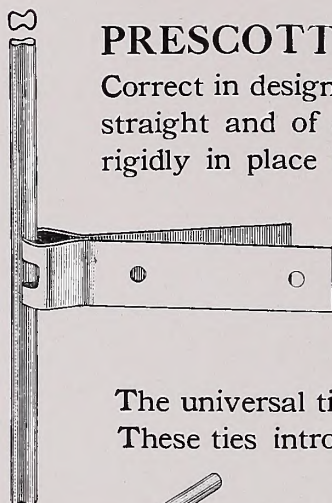
THE Prescott

BUILDING SPECIALTIES



RUTTY STEEL WALL PLUGS

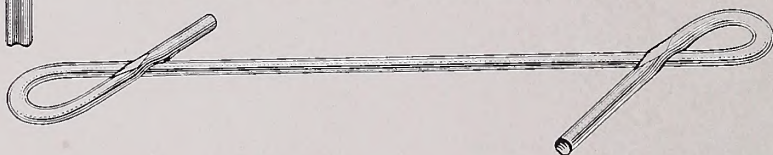
An absolutely perfect nailing base for interior finish in all kinds of construction. Made of heavy sheet steel; are instantly placed and become immovable.



PRESCOTT STEEL CORNER BEAD

Correct in design and made of solid rolled steel bar, absolutely true and straight and of sufficient weight to maintain a perfect corner. Held rigidly in place by heavy steel clips and allows sufficient thickness of plastering at the extreme corner to give permanency. For wood, steel, brick, terra cotta or concrete construction.

MORSE STEEL WALL TIES



The universal tie for bonding all classes of brick and stone construction. These ties introduced and made popular the present method of Steel Bonding. Indispensable for veneer construction.

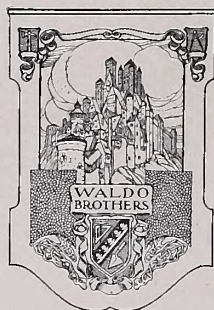
Send for Catalog



J. B. PRESCOTT & SON
MANUFACTURERS

Factory and Main Offices, WEBSTER, MASS.

Representatives in all cities



The Pillars of Hercules

were strong, but ATLAS was stronger for he carried the whole world and sky on his broad back.

If you asked the ancients what ATLAS stood on they would tell you a tortoise, but if you ask an architect or builder today what ATLAS stands on, they will tell you; "a reputation for great strength, and remarkably high quality." They are talking about Atlas Portland Cement, the cement that was used exclusively by the U. S. Government to build the Panama Canal--over six million barrels of it.

Isn't that the sort of cement you want to use for the concrete in your new home? Ask your architect or builder or write direct today to

THE ATLAS PORTLAND CEMENT COMPANY

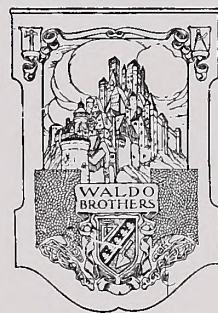
30 Broad Street, New York

Chicago

Philadelphia

Minneapolis

"Concrete for Permanence"



J. H. GAUTIER & COMPANY

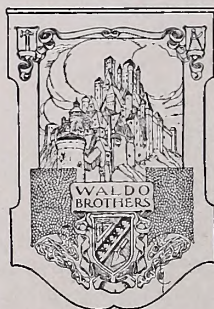
JERSEY CITY, N. J.

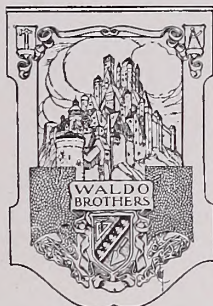
MANUFACTURERS OF CLAY GAS RETORTS
FIRE CLAY TILES, FIRE BRICK, AND FIRE
CLAY SPECIALTIES, MUFFLERS, ETC., ETC.

HIGH GRADE REFRACTORY
MATERIALS FOR VARIOUS
INDUSTRIAL PURPOSES

SPECIALISTS IN FURNACE CONSTRUCTION, ESPECIALLY IN CON-
NECTION WITH COAL GAS BENCHES, WHERE ECONOMY IN
FUEL CONSUMPTION AND INCREASED YIELD PER MOUTHPIECE
IS DESIRABLE

WE ALSO MANUFACTURE BLACK LEAD CRUCIBLES
WHICH HAVE BEEN THE STANDARD FOR MORE THAN FIFTY YEARS





KITTANNING BRICK & FIRE CLAY Co.
and
MARTIN BRICK COMPANY

Manufacturers of the Original High Grade

Kittanning Vitreous Brick

IN GRAY, MOTTLED, AND BUFF

Standard, Roman, and Norman Shapes

Arch and Moulded Bricks of any Description

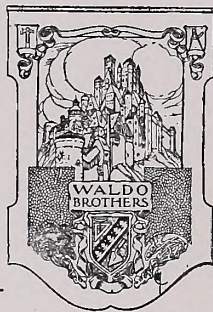
Darlington Brick & Mining Co.

Manufacturers of FINE FACE BRICK

STANDARD GREY, MOTTLED AND BUFF SHADES

DEVONSHIRES

IN GREY, FLASHED GREY AND BUFF



Principal Office
No. 6366 FRANKSTOWN AVENUE
PITTSBURG, PA.

Works
DARLINGTON
BEAVER COUNTY, PA.

B. L. MAKEPEACE BLUE PRINTS

DRAWING MATERIALS & SURVEYING INSTRUMENTS

"Keystone" Blue Process Papers
Agents for Keuffel & Esser Co.
"Koh-I-Noor" Tracing Cloth
Black Line Prints
Blue Prints
"Loxo" Specialties

387 WASHINGTON STREET
BOSTON, MASS.

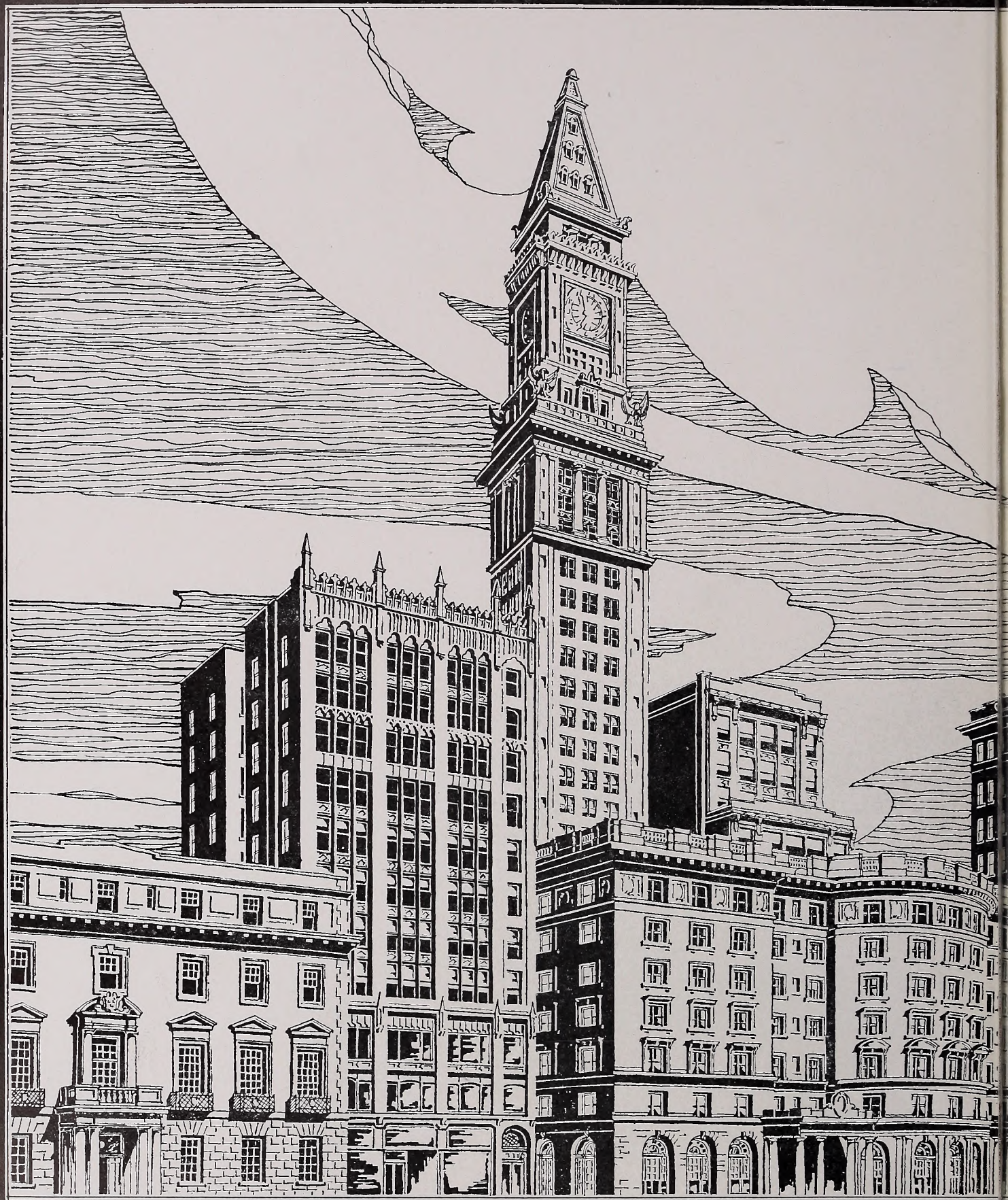
A - B - SEE ELECTRIC ELEVATORS

SOME TYPICAL NEW ENGLAND INSTALLATIONS

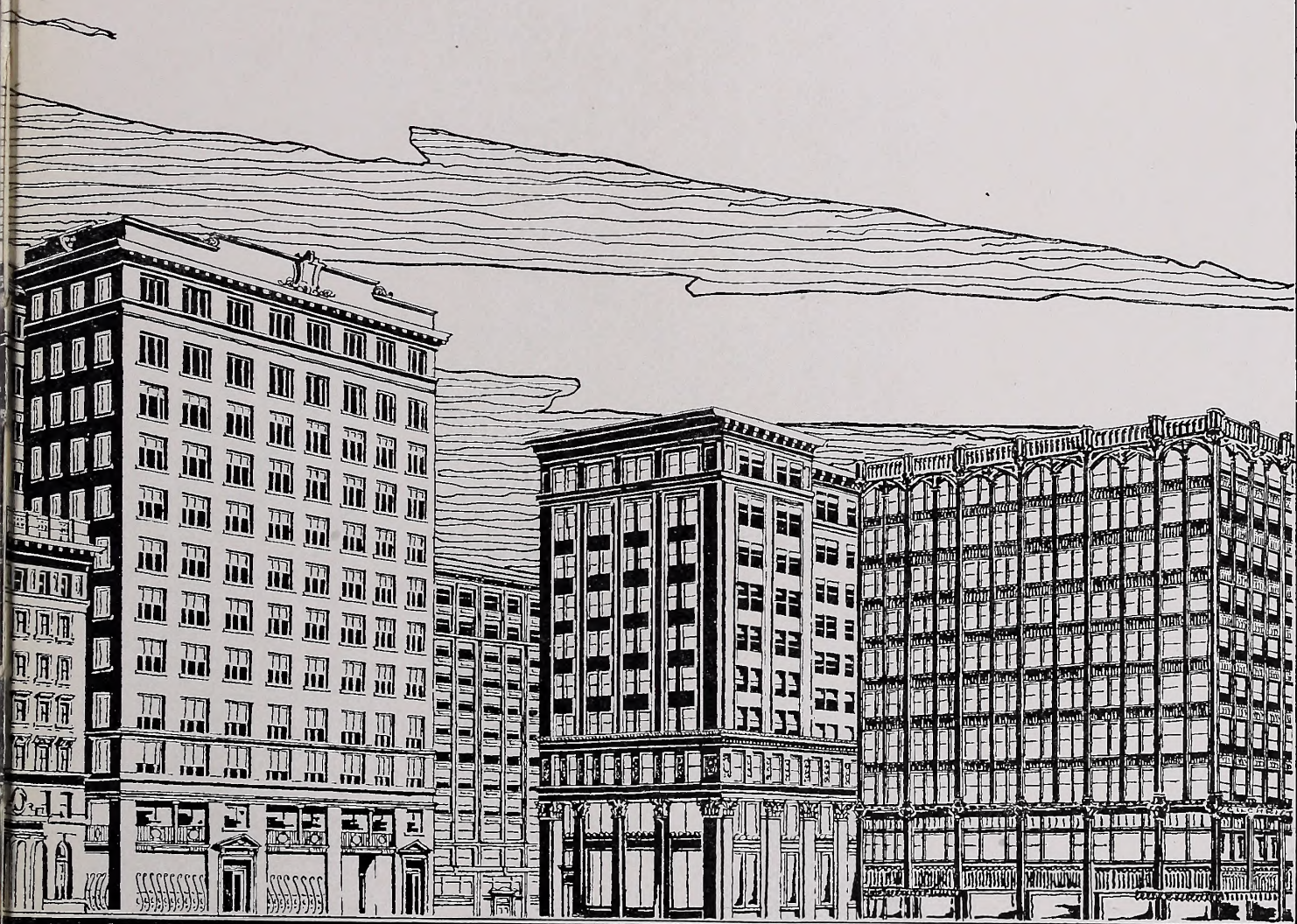
U. S CUSTOM HOUSE	<i>Peabody & Stearns</i>
COPLEY PLAZA HOTEL	<i>H J Hardenburg</i>
HARVARD CLUB	<i>Parker Thomas & Rice</i>
SCOLLAY BLDG	<i>C H Blackall</i>
FARGO TRUST BLDG	<i>C J Warren</i>
DEXTER BLDG	<i>Andrews Jacques & Lantool</i>
GILCHRIST BLDG	<i>Bigelow & Wadworth</i>
SARGENT TRUST	<i>Peabody & Stearns</i>
UNITY BLDG	<i>C J Warren</i>
MINOT BLDG	<i>Parker Thomas & Rice</i>
HOUGHTON & DUTTON BLDG	<i>C J Warren</i>
PETER BENT BRIGHAM HOSPITAL	<i>Codman & Despradelle</i>
PARK BLDG	<i>Cross & Cross</i>
AETNA LIFE INS CO BLDG	<i>Dodd Barber</i>
WATERBURY CITY HALL	<i>Cass Gilbert</i>

OFFICES

NEW YORK	BALTIMORE	HARTFORD
BOSTON	WASHINGTON	MONTREAL
PHILADELPHIA	JERSEY CITY	TORONTO



A B SEE ELECTRIC ELEVATORS
SOME INSTALLATIONS IN BOSTON



H.B.H.H.3.

DESIGNERS

IRVING & CASSON A·H·DAVENPORT CO

CRAFTSMEN

PAINTERS
DECORATORS

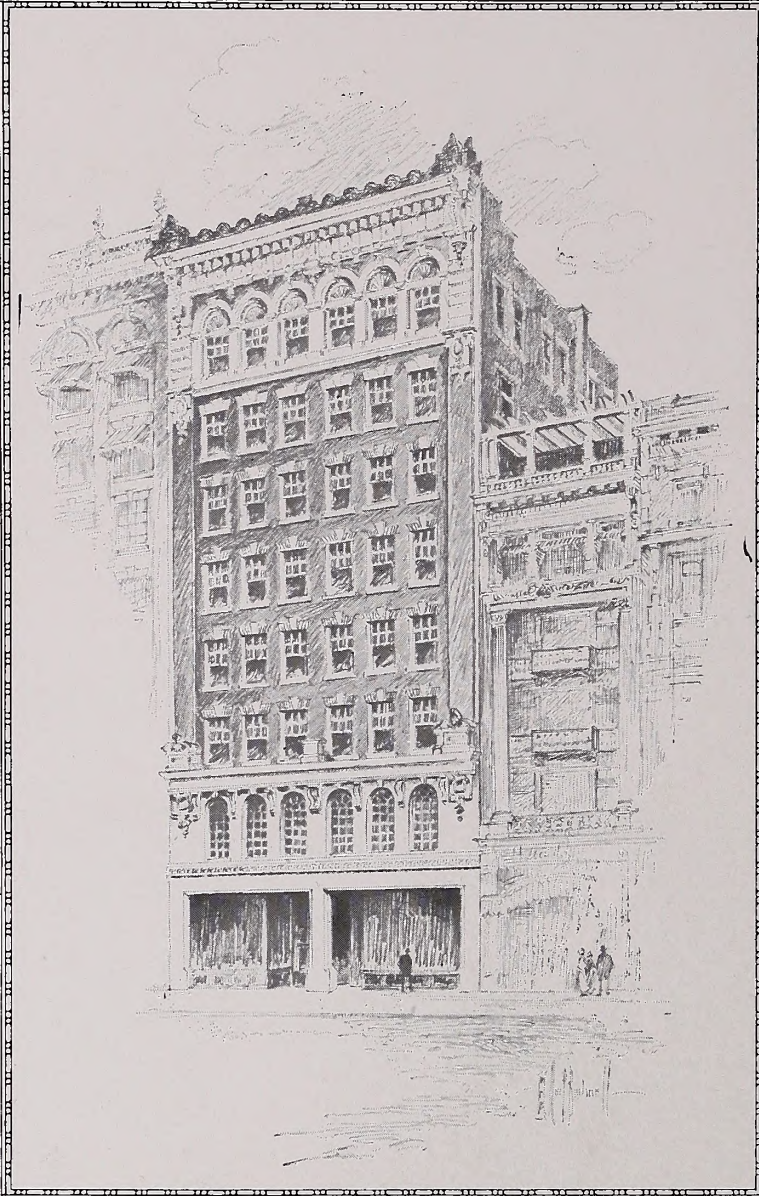
ORNAMENTAL
PLASTERING

CABINET
MAKERS
CARVERS
IN WOOD

MAKERS OF
FINE
PERIOD
FURNITURE

WALL
HANGINGS

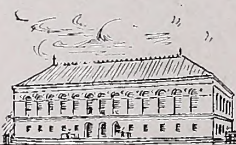
UPHOLSTERY



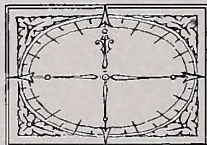
573-575
BOYLSTON ST
BOSTON
MASS.

OUR NEW COPLEYS SQUARE STORE

601
FIFTH AVE
NEW YORK
N.Y.



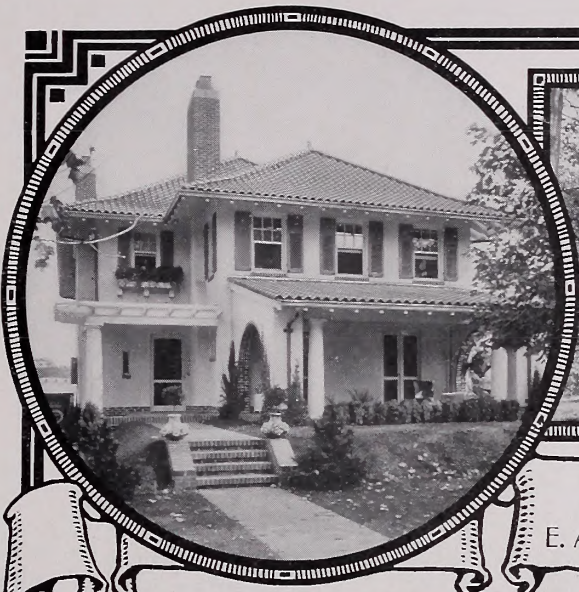
PUBLIC LIBRARY



COPLEY PLAZA



TRINITY CHURCH



Residence at
Red Bank, N. J.
E. A. Arend, Architect

Residence
at Glencoe, Ill.
Private Plans

These Two Attractive Residences

are but representative of the many modern homes of Natco construction. They are indicative of how the firesafety and permanence given by this material is rapidly increasing the number of houses built of

NATCO · HOLLOW · TILE

The appeal of Natco to the architect is not limited, however, to the practical advantages which the owner and occupant of the home will enjoy because of its Natco construction.

By the specification of Natco Hollow Tile the architect is per-

mitted the widest possible latitude for architectural treatment. Natco comes not alone in forms suited to ordinary wall, floor, partition and roof construction, but in special shapes and fractional sizes that fit in with odd or unusual designs.

The specification of Natco throughout for residences is not only advisable but always admissible of execution.

NATIONAL · FIRE · PROOFING · COMPANY

PITTSBURGH

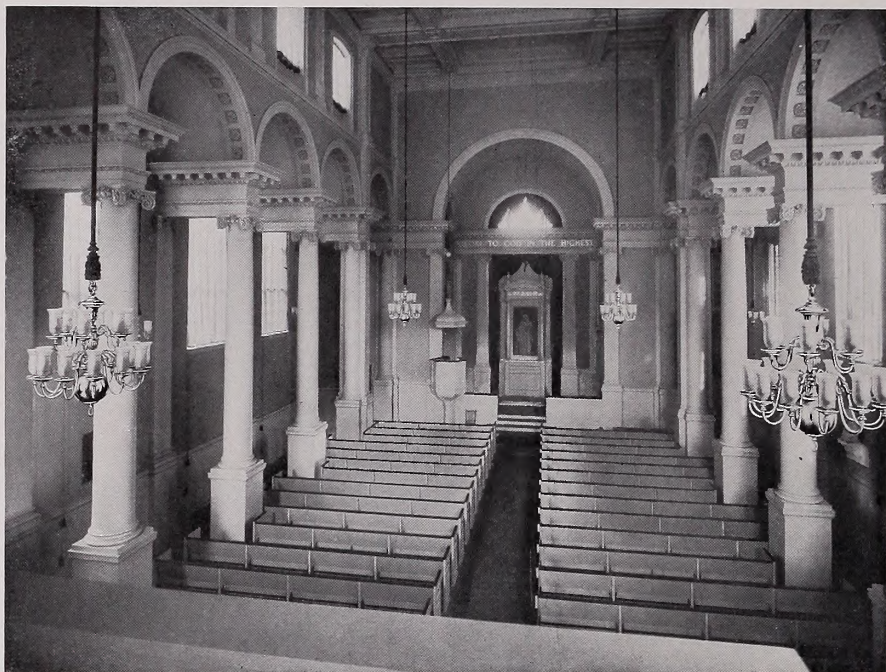
NEW YORK

CHICAGO

BOSTON

INTERIOR OF SECOND UNITARIAN CHURCH
BEACON STREET, BOSTON

GRAM & FERGUSON, Architects



BIGELOW, KENNARD & Co.
INC.

DESIGNERS AND MAKERS OF FINE
LIGHTING FIXTURES

THE LATEST DESIGNS MADE BY OUR OWN ARTISTS
AND MANUFACTURED IN OUR OWN SHOPS

RESIDENTIAL WORK A SPECIALTY

511 WASHINGTON ST., COR. WEST

OPERATING UNDER THE PATENTS OF THE VACUUM CLEANER CO



Newhall & Blevins, Architects

Sanitary Dust Removing Company



Photo by T. E. Marr, Boston

SPEEDWELL FARMS, LYNDON, VERMONT

(HOME OF THEODORE N. VAIL)

In which we installed a **Special Tile Lined McCRAY REFRIGERATOR**
 13 ft. 2 in. long, 7 ft. 6 in. deep, 7 ft. high
 and a **Special Glass Lined Refrigerator**, 7 ft. 8 in. long, 2 ft. 10 in. deep, 6 ft. 6 in. high

McCray Refrigerators have been given the preference for the past twenty years for their superior keeping qualities, scientific construction, beauty and durability.

When refrigeration plans are included at the time of construction, stock size refrigerators can be utilized in wide variety, often at a considerable saving in expense.

Our Drafting Department is at the service of the architect, co-operating with him upon specifications for built-to-order refrigerators.

Our artistic Brochure showing beautiful American Homes throughout the United States in which we have installed McCray Refrigerators will be sent any architect for the asking.

Refrigerator Catalogs

No. 91 Residential

No. 50 For Hotels, Institutions, etc.

No. 73 Florists

No. 60 Markets

No. 69 For Grocers

McCray Refrigerator Company

NEW ENGLAND WAREROOMS

THE WILLIAM G. BELL COMPANY

19-20 SOUTH MARKET ST.

BOSTON, MASS.

*One Minute from Faneuil Hall
 Opposite Quincy Market*

*One Minute from State Street
 Two Minutes from Custom House*



There are good, practical reasons why the number of front-rank architects who repeatedly specify

Koll's Patent Lock Joint Staved Columns

is so large and so constantly increasing.

One reason is our organization, which has been trained to carry out the architects' ideas understandingly and work intelligently to their plans and requirements. Like our plant, our organization is large and complete in every detail.

The superiority of our columns being generally acknowledged, their specification gives the architect assurance that this striking feature of Colonial architecture will prove up, in character and execution of the work, to his permanent satisfaction.

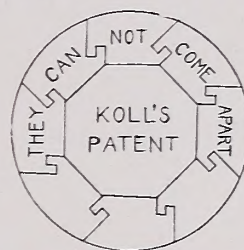
*Ask for Architects' Catalog 140
and Pergola Catalog 28*

HARTMANN-SANDERS CO.

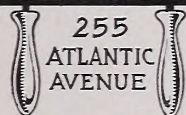
2160-80 S. Elston Ave.
Chicago

6 East 39th Street
New York

Pacific Coast Factory: 421 Colyton Street, Los Angeles, Cal.



GEO. B. DODGE CO.



BOSTON MASS

CHARLES E. FRENCH, Manager

